

**Reference
Guide**



Integrated Library System

Ad Hoc
Reporting

VIRTUA ILS – INTEGRATED LIBRARY SYSTEM

Ad Hoc Reporting

Reference Guide

Version 16.1

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1. Introduction to Ad Hoc Reporting

The Virtua™ Ad Hoc Reporting system is an add-on product that gives you a high degree of flexibility in managing the information in your Virtua database. With the Ad Hoc Reporting system, you are no longer limited to pre-defined reports that return a set of data that may or may not be relevant to your library. Using a report writer of your choice, you can create as many different custom reports as your library needs.

The Ad Hoc Reporting system consists of a set of database views that normalize data and make it easy for you to query the database via a report writer such as Crystal Reports. The views are configured so that your queries will return meaningful text rather than cryptic codes.

In addition to using the preconfigured views that Innovative provides, system administrators can also create *custom* bibliographic views. The Ad Hoc Reporting package, which is distributed with your Ad Hoc software, includes a script that can create custom Ad Hoc views for specific bibliographic tags. The script **CreateCustomAdHocView.sh** lets you create views that provide access to one or more tags stored in the `bibliographic_record` table. (For details, see the section “Accessing Tag-specific Record Data” in the *Virtua System Management: Reporting User’s Guide*).

Important: Always back up your custom views. When you upgrade to a new release of the software, any views you have created (those ending in `_mv`) will be deleted.

The Ad Hoc views consist of views for the following subsystems:

- ◆ Acquisitions
- ◆ Administrative
- ◆ Cataloging
- ◆ Circulation Control
- ◆ Serials

Note: You can access the Ad Hoc views using a report writer. We provide tips for choosing and configuring a report writer tool in the chapter “[Working with a Report-writing Tool](#)” in this guide.

In addition to the Ad Hoc views, Innovative provides a variety of scripts and executables that you can use to extract information from the Virtua database in order

to create reports. For information on these utilities, see the *System Management: Reporting User's Guide*.

1.1 Using this Reference Guide

The *Virtua Ad Hoc Reporting Reference Guide* contains the information you need to run customized reports on your Virtua database. This guide is intended as a reference manual for system administrators. To use this guide you must have a basic understanding of relational databases.

You can use the list below and the Table of Contents to locate specific information in this guide. For your easy reference, this guide also contains a Table of Figures, an Index, and an Appendix that provides a hyperlinked list of the Ad Hoc views. In addition, each chapter begins with a list of headings, each of which is hyperlinked to the appropriate section in the chapter.

For:	See:
Information about and examples of the Ad Hoc views	Chapter 2
Tips for working with a report-writing tool	Chapter 3
A list of database views	Appendix A
A summary of changes in this updated guide.	Appendix B

1.2 Software Requirements

You must purchase the Ad Hoc Reporting System separately from the Virtua software package. To add the Ad Hoc Reporting System to your installation of Virtua, you will be required to run a script, which is described in the installation/upgrade instructions that you receive from Innovative Customer Services.

To install the Virtua Ad Hoc Reporting system, you need to have the following software:

- The latest version of the Virtua database.
- A report writer that can query an Oracle database and display Unicode® characters.

2. Ad Hoc Views

This chapter covers the following topics:

- ⇒ [Understanding Ad Hoc Views](#)
- ⇒ [About the Reporter User and the Adhoc User](#)
- ⇒ [Reference Tables for Ad Hoc Views](#)

2.1 Understanding Ad Hoc Views

A view acts as an interface to the tables that store the data in the database. Each view contains one or more fields that correspond to a field in a table. Views are similar to tables. They can be queried using the same reporting tools used for tables, and they return data in the same format. Views differ from tables in the following ways:

- Views do not actually store data. Instead, they display fields that are stored in tables.
- Virtua Ad Hoc Reporting views are designed to display normalized data, meaning that fields in the database that contain codes are replaced by fields that contain the textual equivalent of the codes.
- Virtua Ad Hoc Reporting views are read-only. You cannot modify data in your Virtua database via the Ad Hoc Reporting views.

Generally, each view directly corresponds to a table in the database. However, a view may contain fields from other tables, and the names of fields are often modified so that they are easier to identify.

The Ad Hoc views are designed so that you can easily query the database and get back meaningful data to produce a customized report. [Figure 2-1](#) compares a row in the Invoice_Header_Fee_v view with a row in the Invoice_Header_Fee table. Notice that the Invoice_Header_Fee_v view displays the Vendor field and Fee_Type field as text rather than codes.

Invoice_Header_Fee_v view			
<u>Invoice_ID</u>	<u>Vendor</u>	<u>Fee_Type</u>	<u>Fee_Amount</u>
923	<i>E. A. Presley Books</i>	<i>Return to Vendor</i>	55.25

Invoice_Header_Fee table			
<u>InvoiceID</u>	<u>VendorID</u>	<u>Fee_Type</u>	<u>Fee_Amount</u>
923	2	5	55.25

Figure 2-1. Comparison of a Row in the Invoice_Header_Fee Table with a Row in the Invoice_Header_Fee_v View

For information about how the fields in the Ad Hoc views are configured for easy querying, see the section “[Example: Examining a View](#)” in this guide.

Note: To use the Ad Hoc views, you need to have at least a basic understanding of relational databases. Specifically, you need to understand the following concepts:

- Data structures such as tables and fields.
- Relationships between tables.
- Data types of the fields in a table.

2.1.1 Example: Examining a View

Ad Hoc views are designed to make it easier for you to extract meaningful data from the database. To demonstrate how much easier it is to extract data from a view than directly from the database, we will examine the Credit_v view. The Credit_v view is used to display data from the Credits table, a table that stores information about credits in the Acquisitions subsystem.

Figure 2-2 lists the fields in the Credits table and the Credit_v view.

<u>Credits</u>	<u>Credit v</u>
Internal_Credit_ID	Internal_Credit_ID
Credit_ID	Credit_ID
VendorID	Vendor
Credit_Type	Credit_Type
Create_Date	Record_Created
Last_Modify_Date	Record_Last_Modified
Expiration_Date	Expiration_Date
Credit_Amount	Credit_Amount
Currency_Code	Currency
Internal_Acct_ID	Account_ID

Account_Fiscal_Year	Account_Name
Credit_Status_ID	Account_Fiscal_Year
POID	Status
POLineNo	Purchase_Order_ID
User_ID	Purchase_Order_Line_Nr
Location_ID	Record_Created_By
Credit_SAP_ID	Logon_Location
	SAP_CODE
	SAP_Description

Figure 2-2. Comparison of the Fields in the Credits Table with Fields in the Credit_v View

For each field in the Credits table, the Credit_v view contains an equivalent field. However, the information in the Credit_v field has been enhanced to . . .

- Use names that are more descriptive. For example, in the Credit_v view, the **POID** field has been renamed to **Purchase_Order_ID**.
- Include information from other tables. Via the Credit_v view, you can see the account name associated with each record in the Credits table. Including this information significantly reduces the complexity of the queries required to get this information from the database.
- Display text strings instead of codes. This enhancement is accomplished using:
 - ◆ **Decode Statements** - For internal codes that have a specific meaning in Virtua, there is a series of decode statements that substitute text for the codes. In the Credit_v table, the value of the Credit_Type field will be either **0** or **1**. The decode statement for this field displays . . .
 - **Specific Credit** - If the value for this field is **0**.
 - **Internal Credit** - If the value for this field is **1**.
 - **Unidentified Credit Type** - If the value for this field is a value other than **0** or **1**.
 - ◆ **Labels Defined in Other Tables** - Many fields in the Virtua database contain codes that correspond to labels in another table. For example, Status codes stored in the Credits table correspond to labels stored in the Parameters table. To help you create queries or reports that display the label for a status rather than the code, the Credit_v view includes the label of the status associated with the credit rather than the code.

Note: To determine the properties of the fields in a view, see the appropriate table in the section “[Reference Tables for Ad Hoc Views](#)” in this guide.

2.2 About the Reporter User and the Adhoc User

When the Ad Hoc views are installed on your system, two new Oracle users, named **reporter** and **adhoc**, are created. You can use either the **reporter** user or the **adhoc** user to safely provide access to the Ad Hoc views.

The **reporter** user has permission to select information from the Ad Hoc views and to modify database information found in the REPORTER database schema.

The **adhoc** user has permission to select information from the Ad Hoc views, but cannot modify information in the database.

Note: The default password for the **reporter** user is **reporter**. The default password for the **adhoc** user is **adhoc**. We recommend that you change the password for each user after your system is configured.

2.3 Reference Tables for Ad Hoc Views

This section describes the views available for each subsystem and the data that is available in each view. This information is for views created for the current version of the Virtua database. Information in the tables in this section is subject to change with each release of Virtua.

This release of Virtua Ad Hoc Reporting includes views for the following subsystems:

- [Acquisitions](#)
- [Administrative](#)
- [Cataloging](#)
- [Circulation Control](#)
- [Serials](#)
- [ASR Management](#)
- [LoC Custom](#)
- [HKPL-BRO Custom](#)

2.3.1 Acquisitions Views

The Acquisitions views provide an easily accessible interface to tables used in the Acquisitions subsystem.

For your reference when creating queries to extract data from the Acquisitions views, the following information is provided:

- A list and brief description of each view.
- A list and brief description of each field included in the views.

2.3.1.1 List of Acquisitions Views

The following views are available for the Acquisitions subsystem:

- [Acq_Account_Audit_v](#) - Information about Acquisitions transactions that involve an account.
- [Acq_Address_v](#) - Information about the contents of address records.
- [Acq_Transaction_Log_v](#) - Information about Acquisitions transactions.
- [Acquisitions_Claims_v](#) - Information about claims for acquisitions items.
- [Acquisitions_Reminders_v](#) - List of information about reminders for acquisitions items.
- [Credit_v](#) - Information about credits.
- [Credit_Note_v](#) - Notes about credits.
- [Credit_PO_Detail_Link_v](#) - List of credits and the purchase order lines they are linked to.
- [Credit_SAP_v](#) - SAP codes to be associated with credits.
- [Credit_Status_v](#) - List of all credit statuses.
- [Credit_Use_v](#) - Information about how credits have been used.
- [Currency_Type_v](#) - Information about the currencies that are defined in the system.
- [Distribution_Group_v](#) - Information about distribution groups.
- [Distribution_Group_Account_v](#) - Default accounts for a distribution group.
- [Distribution_Group_Library_v](#) - Information about which libraries belong to a distribution group.
- [EDIFACT_Claim_Error_v](#) - Information about EDIFACT claim errors.
- [EDIFACT_Invoice_Error_v](#) - Information about EDIFACT invoice errors.
- [EDIFACT_Order_Error_v](#) - Information about EDIFACT order errors.
- [Fiscal_Year_v](#) - Information about the fiscal years configured in the system.
- [Fund_Account_v](#) - Information about accounts used for funding.

- [Invoice_Detail_Acct_v](#) - Accounts that invoice line items and line item fees are encumbered against.
- [Invoice_Detail_Fee_v](#) - Fees that are associated with invoice line items.
- [Invoice_Detail_Location_v](#) - Locations that are associated with invoice line items.
- [Invoice_Detail_Note_v](#) - Notes that are attached to invoice line items.
- [Invoice_Detail_Tax_v](#) - Taxes that are associated with individual invoice line items.
- [Invoice_Detail_v](#) - Line items attached to invoices.
- [Invoice_Header_Acct_v](#) - Information about accounts used to pay header fees.
- [Invoice_Header_Fee_v](#) - Fees that are associated with entire invoices.
- [Invoice_Header_Note_v](#) - Notes about entire invoices.
- [Invoice_Header_Tax_v](#) - Taxes that are associated with entire invoices.
- [Invoice_Header_v](#) - Information pertaining to an entire invoice, such as total price, currency, payment method, and library location.
- [Invoice_SAP_v](#) - SAP codes to be associated with invoices.
- [Invoice_Status_v](#) - List of all invoice statuses.
- [Invoice_Tax_Type_v](#) - Tax types and rates that are associated with invoice taxes.
- [MARC_Order_Error_v](#) - Information about MARC order errors.
- [Orig_PO_Line_Ref_v](#) - Information about partially canceled purchase order lines, linking these records to the original line.
- [Payment_Account_v](#) - Information about accounts used for expenditures.
- [Payment_Detail_v](#) - Specific invoice line items that are paid on the voucher.
- [Payment_Header_v](#) - Information about entire payment vouchers.
- [Payment_Method_v](#) - Available methods of payment.
- [Payment_Note_v](#) - Notes about payment vouchers.
- [Payment_SAP_v](#) - SAP codes to be associated with payments.
- [Payment_Status_v](#) - List of all payment statuses.
- [PO_Account_v](#) - Encumbrances for purchase order line items.
- [PO_Cancel_Error_v](#) - Information about errors returned when an attempt to cancel a purchase order line item is unsuccessful.
- [PO_Detail_v](#) - Information about purchase order line items.
- [PO_Detail_Distribution_v](#) - Information about how purchase order line items are distributed.
- [PO_Detail_Location_v](#) - Locations associated with purchase orders and purchase order line items.
- [PO_Detail_Note_v](#) - Notes about a line item in a purchase order.
- [PO_Detail_Enriched_Value_v](#) - List of enriched values assigned to each order line before the order line was received or invoiced.
- [PO_Detail_Volume_v](#) - Information about volumes being ordered for a multi-volume set order.

- **PO_Enriched_Type_v** - List of possible values that can be linked to a purchase order
- **PO_Enriched_Type_Inst_v** - List of institutions that can use each enriched type.
- **PO_Enriched_Value_v** - List of possible values that can be assigned to each enriched type.
- **PO_Header_v** - Information about entire purchase orders.
- **PO_Header_Note_v** - Notes about entire purchase orders.
- **PO_Inv_Enriched_Value_v** - List of enriched values assigned to each order line after the order line was received or invoiced.
- **PO_Order_Type_v** - List of all purchase order types.
- **PO_Status_v** - List of all purchase order statuses.
- **PO_Subject_Code_v** - List of all purchase order subject codes.
- **Prepaid_Credit_Use_Account_v** - Information about prepaid credits applied to accounts.
- **Purchase_Request_v** - List of all purchase requests.
- **Purchase_Request_Status_v** - Information about purchase request statuses for each main location.
- **Reader_Suggestion_Status_v** - Information about the available statuses of purchase request material generated by patron suggestions/requests.
- **Receipt_v** - Receipts for purchase order line items.
- **Receipt_Note_v** - Notes attached to receipts.
- **Receipt_Status_v** - List of all receipt statuses.
- **Shipping_Method_v** - List of shipping methods that can be associated with vendor records.
- **Specific_Credit_Use_Account_v** - Information about specific credits applied to accounts.
- **Vendor_Address_v** - Address of each vendor.
- **Vendor_Customer_Account_v** - Information about accounts that you have with vendors.
- **Vendor_Enriched_Data_Map_v** - Shows mapping of enriched data to MARC records coming from vendor websites.
- **Vendor_Name_v** - List of vendor names.
- **Vendor_Note_v** - Information saved in the notes fields of your vendor records.
- **Vendor_Shipping_Method_v** - List of shipping methods associated with your vendors.
- **Vendor_Statistics_v** - Information about vendor performance.
- **Vendor_v** - Basic information about each vendor.

2.3.1.2 Description of the Fields in the Acquisitions Views

This section lists and briefly describes the fields that appear in the Acquisitions views. For each view, there is a table with the following information about the fields in the view:

- **Field Name** - The name of the field in the view.
- **Data Type** - The type of data the field can store.
- **Description** - A brief description of the data contained in the field.

2.3.1.2.1 Acq_Address_v

Field Name	Data Type	Description
Internal_Library_ID	NUMBER(9)	System-assigned library ID.
Library_ID	VARCHAR2(17)	Unique ID of the library.
Assigning_Agency	VARCHAR2(26)	(For EDIFACT users) Agency responsible for assigning the unique ID to the library. Values in this field will be one of the following: <ul style="list-style-type: none"> • EAN • Assigned by Supplier Agent • Assigned by Buyer • US SBN Agency • Invalid Assigning Agency
Record_Created	DATE	Date record was created.
Record_Modified	DATE	Date record was last modified.
Record_Modified_By	VARCHAR2(80)	Name of the user who last modified the record.
Valid Flag	VARCHAR2(17)	Indicates whether the address is active and valid for use by the Acquisitions subsystem. Values in this field will be one of the following: <ul style="list-style-type: none"> • Not Valid for Use • Valid for Use
Library_Name	VARCHAR2(175)	Library address name used as Bill To address and/or Ship To address in purchase orders.
Alternate_Library_Name	VARCHAR2(175)	Alternate library address name.
Address_1	VARCHAR2(200)	First line of the library address.
Address_2	VARCHAR2(200)	Second line of the library address.
Address_3	VARCHAR2(1000)	Third line of the library address.
City	VARCHAR2(200)	City where the library address is located.

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Field Name	Data Type	Description
County_Parish	VARCHAR2(200)	County or parish where the library address is located.
State_Province	VARCHAR2(200)	State or province where the library address is located.
Postal_Code	VARCHAR2(200)	Postal code for the location of the library address.
Country_Code	VARCHAR2(3)	Three-character code for the country where the library address is located.
Country_Name	VARCHAR2(50)	Name of the country where the library address is located
Miscellaneous_Info	VARCHAR2(1000)	Free-text information. This information is not used by Virtua.

2.3.1.2.2 Acquisitions_Claims_v

Field Name	Data Type	Description
Claim_ID	NUMBER(9)	Unique ID of the claim.
Sequence_Number	NUMBER(9)	Number of times the item has been reclaimed.
Transmit_Date	DATE	Date the claim was transmitted.
Status	VARCHAR2(26)	Status of the claim. Values in this field will be one of the following: <ul style="list-style-type: none"> • None • Waiting • Created • Transmitted • Filled • Canceled • Unable to fulfill • Seeking other alternatives • Draft • Deleted • Unknown
Transmit_Method	VARCHAR2(17)	Transmission method of the claim. Values in this field will be one of the following: <ul style="list-style-type: none"> • Print • E-mail • EDIFACT • EDIFACT and Print • Unknown
Vendor	VARCHAR2(726)	Name of the vendor to which the claim was sent.

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Field Name	Data Type	Description
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this claim.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(9)	Line number in the purchase order that is associated with this claim.
Bib_ID	NUMBER(9)	Bibliographic ID of the record associated with this claim.
Copies_Claimed	NUMBER(9,0)	The number of copies being claimed.
Reason	VARCHAR2(32)	Reason for the claim. Values in this field will be one of the following: 0 - No copies received 1 - Wrong items supplied 2 - Imperfect items supplied 3 - Too many copies received 4 - Insufficient copies received

2.3.1.2.3 Acquisitions Reminders_v

Field Name	Data Type	Description
Remind_Date	DATE	Date the reminder appears on the Reminders window.
Reminder_Type	VARCHAR2(34)	Type of the reminder. Values in this field will be one of the following: <ul style="list-style-type: none"> • Acquisitions Expected Reminder • Acquisitions Claims Reminder • Acquisitions User Defined Reminder • Serial Renewal Reminder
Location_Entered	VARCHAR2(500)	Location at which the reminder was created.
Vendor	VARCHAR2(726)	Name of the vendor.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this reminder.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_NR	NUMBER(5)	Purchase order line number to which the reminder is attached.
Order_Type	VARCHAR2(23)	Type of order to which the reminder is attached. Possible values are: <ul style="list-style-type: none"> • Monograph • Serial • Standing Order • Monographic Set • Planned Order • Multi-volume • Unidentified Order Type
Quantity	NUMBER(5)	Quantity of items ordered.
Bibliographic_ID	NUMBER	The bibliographic ID of the item. If there are multiple bibliographic IDs associated with the order, this field will be the bibliographic ID associated with the order header.

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Field Name	Data Type	Description
Title	VARCHAR2(2000)	The title of the item ordered. If there are multiple titles associated with the order, this will be the title of the bib associated with the order header or the order description.
Ordered_By	VARCHAR2(80)	Name of the user who entered the order.
Remarks	VARCHAR2(60)	Free text field for the reminder.
Claim_Count	NUMBER	Number of claims generated for this order or order line.

2.3.1.2.4 Invoice_Header_Fee_v

Field Name	Data Type	Description
Invoice_ID	VARCHAR2(35)	ID of the invoice to which the fee is attached.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Fee_Type	VARCHAR2(80)	One of the Fee Types defined in the Invoice Header Fees parameter in the Profiler.
Fee_Amount	NUMBER(25,10)	Amount of the fee.

2.3.1.2.5 Invoice_Detail_Fee_v

Field Name	Data Type	Description
Invoice_ID	VARCHAR2(35)	ID of the invoice to which the fee is attached.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this fee.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with this invoice.
Fee_Type	VARCHAR2(80)	One of the Fee Types defined in the Invoice Header Fees parameter in the Profiler.
Fee_Amount	NUMBER(25,10)	Amount of the fee.

2.3.1.2.6 Invoice_Detail_Location_v

Field Name	Data Type	Description
Invoice_Line_ID	NUMBER(9,0)	ID of the invoice line.
Invoice_Qyantity	NUMBER	The quantity invoiced for this location/address combination.
Location_ID	NUMBER(9,0)	The location code linked to the invoice.
Location	VARCHAR2(500)	The name of the location linked to the invoice.
Library_ID	NUMBER(9,0)	ID of the “acquisition address” associated with the location/invoice.
Library_Name	VARCHAR2(175)	Name of the “acquisition address” associated with the location/invoice.
Invoice_Detail_Location_ID	NUMBER(9,0)	Internal ID for the primary key.

2.3.1.2.7 Invoice_Header_v

Field Name	Data Type	Description
Invoice_ID	VARCHAR2(35)	ID of the invoice to which the header is attached.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Total_Price	NUMBER(25,10)	Total price of the invoice.
Currency	VARCHAR2(80)	Currency used for this invoice.
Record_Created	DATE	Date the invoice was created.
Vendor_Invoice_Date	DATE	Date listed on paper copy of the invoice received from the vendor.

Field Name	Data Type	Description
Record_Modified	DATE	Date the invoice was last modified.
Payment_Method	VARCHAR2(27)	Indicates the payment method. Values in this field will be one of the following: <ul style="list-style-type: none"> • Credit • Check • Unknown
Library_Location	VARCHAR2(500)	Location of the library where the invoice was created.
Status	VARCHAR2(80)	Status of the invoice.
Fee_Paid	VARCHAR2(4000)	Indicates whether header fees have been paid. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
SAP_Code	VARCHAR2(15)	Code of the SAP.
SAP_Description	VARCHAR2(35)	Description of the SAP code.
Tax_Paid	VARCHAR2(4000)	Indicates whether the taxes have been paid for this invoice. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Discount_Amount	Number(25,10)	The amount of the discount for the invoice.
Discount_Percent	Number(7,4)	The percentage discount for the invoice. Note: This percentage is independent of the amount specified in the Discount_Amount field.

2.3.1.2.8 Invoice_Header_Acct_v

Field Name	Data Type	Description
Invoice_ID	VARCHAR2(35)	ID of the invoice to which the account is attached.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Internal_Acct_ID	NUMBER(9)	ID of the fund account associated with this invoice.
Encumber_Amount	NUMBER(25,10)	Amount encumbered for this invoice.
Expend_Amount	NUMBER(25,10)	Amount expended for this invoice.
Applied_Credit	NUMBER(25,10)	Amount of any credits applied to this invoice.
Is_Tax	VARCHAR2(4000)	Determines whether the invoice is for a tax. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

2.3.1.2.9 Invoice_Header_Note_v

Field Name	Data Type	Description
Invoice_ID	VARCHAR2(35)	ID of the invoice to which the note is attached.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Internal_Note_ID	NUMBER(9)	System-assigned number that links this note to the invoice header.
Record_Modified_Date	DATE	Date the invoice was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the invoice.
Priority	VARCHAR2(4000)	Indicates whether this note is a priority note. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular Note • Priority Note • Unidentified Priority
Text	VARCHAR2(2000)	Text of the note.

2.3.1.2.10 Invoice_Header_Tax_v

Field Name	Data Type	Description
InvoiceID	VARCHAR2(35)	ID of the invoice with which the tax is associated.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Tax_ID	NUMBER(9)	ID of the tax.
Tax_Name	VARCHAR2(80)	Name of the tax.
Tax_Amount	NUMBER(25,10)	Amount of the tax.
Tax_Percent	NUMBER(7,4)	Percent (rate) of the tax.

2.3.1.2.11 Invoice_Detail_v

Field Name	Data Type	Description
ID	VARCHAR2(35)	ID of the invoice to which the line item is attached.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this invoice.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with this invoice.
Price	NUMBER(25,10)	Base price of this line item.
Quantity	NUMBER(9)	Quantity of items that are invoiced on this line item.
Amount_Paid	NUMBER(25,10)	Amount paid on this line item.
Currency	VARCHAR2(80)	Currency used for this invoice.
Status	VARCHAR2(80)	Approval status of the invoice line
Item_Paid	VARCHAR2(4000)	Indicates whether the base price of this line item has been paid. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Fee_Paid	VARCHAR2(4000)	Indicates whether the fees associated with this line item have been paid. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

Field Name	Data Type	Description
Tax_Paid	VARCHAR2(4000)	Indicates whether the taxes have been paid for this line item. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Discount_Amount	NUMBER(25,10)	The amount of the discount for this line item.
Discount_Percent	NUMBER(7,4)	The percentage discount for this line item. Note: This percentage is independent of the amount specified in the Discount_Amount field.
Invoice_State	VARCHAR2(14)	Indicates the state (which includes payment status) of the invoice line. Values in this field are as follows: 0 - created 1 - approved 2 - partially paid 3 - paid
Approval_Date	DATE	Date that the invoice was approved.
Order_Line_ID	NUMBER(9,0)	ID of the purchase order line associated with this invoice.

2.3.1.2.12 Invoice_Detail_Acct_v

Field Name	Data Type	Description
Invoice_ID	VARCHAR2(35)	ID of the invoice to which the line item is attached.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this account.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with this invoice.
Price_Or_Fee	VARCHAR2(21)	Indicates whether this account is for a price or a fee. Values in this field will be one of the following: <ul style="list-style-type: none"> • Is Line Price • Is Line Fee • Unidentified Fee Flag
Internal_Account_ID	NUMBER(9)	Fund account to which this record refers.
Encumber_Amount	NUMBER(25,10)	Amount encumbered for this invoice line item.
Expend_Amount	NUMBER(25,10)	Amount expended for this invoice line item.
Applied_Credit	NUMBER(25,10)	Amount of any credits applied to this invoice line item.
Is_Tax	VARCHAR2(4000)	Determines whether the invoice is for a tax.. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Header_Discount	NUMBER(25,10)	The total discount for this invoice line item.

2.3.1.2.13 Invoice_Detail_Note_v

Field Name	Data Type	Description
Invoice_ID	VARCHAR2(35)	ID of the invoice to which the note is attached.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this note.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with this invoice note.
Internal_Note_ID	NUMBER(9)	System-assigned number that links this note to the invoice line item.
Record_Modified_Date	DATE	Date on which this record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified this note.
Priority	VARCHAR2(4000)	Indicates whether this note is a priority note. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular Note • Priority Note • Unidentified Priority
Text	VARCHAR2(2000)	Text of the note.

2.3.1.2.14 Invoice_Detail_Tax_v

Field Name	Data Type	Description
InvoiceID	VARCHAR2(35)	ID of the invoice with which the tax is associated.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with the invoice line.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with the invoice line.
Tax_ID	NUMBER(9)	ID of the tax.
Tax_Name	VARCHAR2(80)	Name of the tax.
Tax_Amount	NUMBER(25,10)	Amount of the tax.
Tax_Percent	NUMBER(7,4)	Percent (rate) of the tax.

2.3.1.2.15 Invoice_SAP_v

Field Name	Data Type	Description
Invoice_SAP_ID	NUMBER(9)	ID of the SAP code.
Is_Default	VARCHAR2(4000)	Determines whether this is the default SAP code. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
SAP_Code	VARCHAR2(15)	SAP code.
SAP_Description	VARCHAR2(35)	Description of the SAP code.

2.3.1.2.16 Invoice_Tax_Type_v

Field Name	Data Type	Description
Tax_ID	NUMBER(9)	ID of the invoice tax type.
Is_Default	VARCHAR2(4000)	Determines whether a tax is the default invoice tax. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Tax_Name	VARCHAR2(80)	Name of the tax.
Tax_Percent	NUMBER(7,4)	Percent (rate) of the tax.
Deletion_Allowed	VARCHAR2(4000)	Determines whether you can delete this tax type. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Account_Name	VARCHAR2(35)	Name of the account from which this tax is paid.

2.3.1.2.17 Credit_v

Field Name	Data Type	Description
Internal_Credit_ID	NUMBER(9)	System-assigned credit ID.
Credit_ID	VARCHAR2(30)	Library-defined credit ID.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Credit_Type	VARCHAR2(24)	Type of credit. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular • Specific • Prepaid • Internal Order • Unidentified Credit Type
Record_Created	DATE	Date the credit was created.
Record_Last_Modified	DATE	Date the credit was last modified.
Expiration_Date	DATE	Expiration date of this credit.
Credit_Amount	NUMBER(25,10)	Value of this credit.
Currency	VARCHAR2(80)	Currency used for this credit.
Account_ID	NUMBER(9)	Fund account to which this credit is linked.
Account_Name	VARCHAR2(35)	Name of the fund account to which this credit is linked.
Status	VARCHAR2(80)	Status assigned to this credit.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this credit.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with this credit.

Field Name	Data Type	Description
Record_Created_By	VARCHAR2(80)	Name of the user who created this credit.
Logon_Location	VARCHAR2(500)	Location where credit was created.
SAP_Code	VARCHAR2(15)	Code of the SAP.
SAP_Description	VARCHAR2(35)	Description of the SAP code.

2.3.1.2.18 Credit_PO_Detail_Link_v

Field Name	Data Type	Description
Amount	NUMBER(25,10)	The amount of the credit applied to the specified order line ID.
Internal_Credit_ID	NUMBER(9)	The ID of the internal order credit being applied.
Order_Line_ID	NUMBER(9)	The ID of the order line that the credit is applied to.

2.3.1.2.19 Credit_SAP_v

Field Name	Data Type	Description
Credit_SAP_ID	NUMBER(9)	Internal SAP identification number for credits.
Is_Default	VARCHAR2(4000)	Determines whether this is the default Credit SAP. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
SAP_Code	VARCHAR2(15)	SAP code.
SAP_Description	VARCHAR2(35)	Description of the SAP code.

2.3.1.2.20 Credit_Use_v

Field Name	Data Type	Description
Internal_Credit_Use_ID	NUMBER(9)	System-assigned ID for this record.
Internal_Credit_ID	NUMBER(9)	System-assigned credit ID.
Amount_Used	NUMBER(25,10)	Monetary amount of the credit used.
Date_Used	DATE	Date on which the credit was used.
Voucher_ID	NUMBER(9)	ID of the voucher on which the credit was used.
Account_ID	NUMBER(9)	ID of the fund account to which the credit was applied.
Account_Name	VARCHAR2(35)	Name of the fund account to which the credit was applied.
Record_Created_By	VARCHAR2(80)	Name of the user who created this record.
Logon_Location	VARCHAR2(500)	Location where the credit was applied.
Currency	VARCHAR2(80)	Currency used for this credit.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order applied to this credit.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is applied to this credit.
Fee_Flag	VARCHAR2(14)	Indicates whether the credit was applied to a fee. Values in this field will be one of the following: <ul style="list-style-type: none"> • Fee Credit • Non-fee Credit
Payment_Detail_ID	NUMBER(9)	System-generated ID for the Payment_Detail table.

2.3.1.2.21 Credit_Note_v

Field Name	Data Type	Description
Internal_Credit_ID	NUMBER(9)	Internal, system-defined ID that links this note to the credit.
Internal_Note_ID	NUMBER(9)	System-defined ID for this row.
Modified	DATE	Date the note was last modified.
Record_Created_By	VARCHAR2(161)	Name of the user who created this note.
Priority	VARCHAR2(4000)	Indicates whether this note is a priority note. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular Note • Priority Note • Undetermined Priority
Note	VARCHAR2(2000)	Text of the note.

2.3.1.2.22 Currency_Type_v

Field Name	Data Type	Description
Currency_ID	NUMBER(9)	The internal ID for the primary key.
Currency_Code	VARCHAR2(3)	The three-character ISO4217 currency code.
Conversion_Factor	NUMBER(20,10)	The multiplier between the home currency and the current currency.
Alternate_Conversion_Factor	NUMBER(20,10)	The multiplier used to calculate the replacement cost of damaged/lost/overdue items.
Description	VARCHAR2(80)	The text description of the currency.

Field Name	Data Type	Description
Symbol	VARCHAR2(5)	The currency symbol.
Home_Currency	NUMBER(1)	Indicates whether the currency is the home currency. Values in this field are as follows: 0 - No, the current currency is not the home currency. 1 - Yes, the currency is the home currency.

2.3.1.2.23 Specific_Credit_Use_Account_v

Field Name	Data Type	Description
Account_Name	VARCHAR2(35)	The name of the fund account linked to the credit.
Amount	NUMBER(25,10)	The amount of credit applied.
Internal_Credit_ID	NUMBER(9)	System-generated ID for credit use.

2.3.1.2.24 Prepaid_Credit_Use_Account_v

Field Name	Data Type	Description
Account_Name	VARCHAR2(35)	The name of the fund account linked to the credit.
Amount	NUMBER(25,10)	The amount of credit applied.
Internal_Credit_ID	NUMBER(9)	System-generated ID for credit use.
Order_Line_ID	NUMBER(9)	System-generated ID for the purchase order line.

2.3.1.2.25 PO_Account_v

Field Name	Data Type	Description
Purchase_Order_ID	VARCHAR2(75)	ID of this purchase order.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with this account.
Internal_Acct_ID	NUMBER(9)	ID of the fund account associated with this purchase order.
Library_Name	VARCHAR2(500)	Library location of the item.
Percent_Line_Nr	NUMBER(7, 4)	Percentage of the purchase order line price that is encumbered.
Encumbered	NUMBER(25,10)	Amount encumbered.
Expended	NUMBER(25,10)	Amount expended (<i>not used by the Virtua software</i>).
Account_Number	VARCHAR2(35)	User-specified ID of the account being ordered from.
Account_Name	VARCHAR2(35)	Name of the fund account being ordered from.
Fiscal_Year	VARCHAR2(30)	Text indicating the fiscal year the account is under.
Internal_Line_ID	NUMBER(9)	Internal system ID assigned to the order line.

2.3.1.2.26 PO_Cancel_Error_v

Field Name	Data Type	Description
PO_Cancel_Error_ID	NUMBER(9,0)	Internal system ID assigned to the unsuccessful attempt to cancel the purchase order line item. This ID corresponds to the reason provided in the Error field below.
Order_Line_ID	NUMBER(9,0)	Internal system ID assigned to the purchase order line item.
Attempt_Date	DATE	Date of the unsuccessful attempt to cancel the purchase order line item.
Error	VARCHAR2(69)	The reason the cancellation attempt was unsuccessful (i.e., “Already canceled,” “Cannot cancel order lines on COG orders”).

2.3.1.2.27 PO_Detail_v / LoC_PO_Detail

Field Name	Data Type	Description
Discount_Amount	NUMBER(25,10)	Amount of discount offered by the vendor.
Expected_Issues	NUMBER(9)	Number of regular issues that are expected during this subscription period. <i>(Available in the LOC version only)</i>
Fee_Amount	NUMBER(25,10)	Fee amount for the purchase order.
Issues_Remaining	NUMBER(9)	Number of expected issues for this subscription period that have not been added yet. <i>(Available in the LOC version only)</i>
Issues_To_Bind	NUMBER(9)	Number of issues that will need to accumulate for a bound volume. This value will be copied to tag 969 \$a of the holdings record. <i>(Available in the LOC version only)</i>

Field Name	Data Type	Description
Publisher_Bound	VARCHAR2(3)	Indicates whether the publisher will bind the order items (<i>Available in the LOC version only</i>): 0 – No 1 – Yes
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this line item.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Internal_Line_ID	NUMBER(9)	Internal system ID assigned to the purchase order line item.
Purchase_Order_Line_No	NUMBER(5)	Line number in the purchase order.
Collection_Code_ID	NUMBER(9)	ID of the collection code associated with this line item.
Collection_Code	VARCHAR2(20)	Text indicating the collection code associated with this line item.
Material	VARCHAR2(16)	Text indicating the type of material being ordered. Valid values: <ul style="list-style-type: none"> • Books • Computer Files • Maps • Music • Serials • Visual Materials • Mixed Materials
Source_ID	NUMBER(9)	The internal system ID assigned to the source of selection.
Source_Of_Selection	VARCHAR2(100)	Text indicating the source of the purchase request selection.
Bibliographic_ID	NUMBER(9)	Bibliographic ID of the item ordered via this purchase order.
Subject_Code_ID	NUMBER(9,0)	Code of the purchase order subject.
Holdings_ID	NUMBER(9)	ID of the holdings record that was created for this purchase order.

Field Name	Data Type	Description
Subject	VARCHAR2(80)	Subject assigned to the purchase order line item.
ISBNISSN	CHAR(14)	ISBN or ISSN of the ordered item.
Title	VARCHAR2(2000)	Title of the item being ordered.
Author	VARCHAR2(2000)	Author of the item being ordered.
Publisher	VARCHAR2(100)	Publisher of the item being ordered.
Place_Of_Publication	VARCHAR2(100)	The place where the item being ordered was published.
Publication_Date	NUMBER	The date that the item being ordered was published.
Music_Number	VARCHAR2(100)	The music number of the item being ordered. From subfield \$a of tag 024 with a first indicator of 0 or 2 or tag 028 with a first indicator of 0, 2 or 3.
Price	NUMBER(25,10)	Price of the ordered item.
Date_Due	DATE	Date the item is expected from the vendor.
Status	VARCHAR2(80)	Status assigned to this purchase order.
Qty_Ordered	NUMBER(5)	Number of items ordered.
Currency	VARCHAR2(80)	Currency used for this purchase order.
Priority	VARCHAR2(21)	Indicates whether this order is a rush order. Values in this field will be one of the following: <ul style="list-style-type: none"> • Normal Processing • Rush Order • Unidentified Priority
Qty_Invoiced	NUMBER(9)	Quantity of items invoiced.
Qty_Paid	NUMBER(9)	Quantity of paid items.
Location_ID	NUMBER(9)	Code of the location for which the item is ordered
Ship_To_ID	NUMBER(9)	ID of the library address to which the item will be shipped
Subscription_Begins	DATE	For serial orders, the beginning date of a subscription.

Field Name	Data Type	Description
Subscription_Ends	DATE	For serial orders, the ending date of a subscription.
Coverage	VARCHAR2(1900)	Free text field for defining the subscription period of a serials order.
Cancel_Date	DATE	Date the line item was canceled.
Vendor_Title_ID	VARCHAR2(20)	User-defined title ID.
Requestor_ID	NUMBER(9)	ID of the patron who made the purchase order request.
Requestor	VARCHAR2(903)	Name of the patron who made the purchase order request.
Order_State	VARCHAR2(18)	Indicates the state of the order line. Values in this field are as follows: 0 - needs approval 1 - approved 2 - ordered 3 - claimed 4 - to be canceled 5- canceled 6 - partially received 7 - received 8 - partially invoiced 9 - invoiced 10 - partially paid 11 - paid 12 - deleted
Approved_by	VARCHAR2(80)	Name of the user who approved the purchase order.
Purchase_Request_ID	NUMBER(9,0)	ID of the purchase order request.
Purchase_Request_Status	VARCHAR2(80)	The status of the purchase order request.

2.3.1.2.28 Orig_PO_Line_Ref_v

Field Name	Data Type	Description
Purchase_Order_ID	VARCHAR2(75)	ID of the partially canceled purchase order.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number of the partially canceled purchase order.
Original_PO_Line_Nr	VARCHAR2(15)	Original line number of the purchase order.

2.3.1.2.29 PO_Detail_Distribution_v

Field Name	Data Type	Description
Order_Line_ID	NUMBER(9)	ID of the purchase order line that is associated with this distribution.
Group_Name	VARCHAR2(175)	Distribution group for this line item.
Internal_Library_ID	NUMBER(9)	ID of the library to which this line item is being distributed. To determine the name of the library, find this ID number in the Acq_Address_v view.
Quantity_Ordered	NUMBER(5)	Quantity of the item ordered for a library.
Quantity_Distributed	NUMBER(5)	Quantity of the item distributed to a library.

2.3.1.2.30 PO_Detail_Location_v / LoC_PO_Detail_Location_v

Field Name	Data Type	Description
Cancel_Quantity	NUMBER(5)	Quantity canceled/to be canceled for this order line.
Direct_Shipment	VARCHAR2(3)	Indicates whether the supplier will ship some of the copies for this order directly to the participant <i>(Available in the LoC version only)</i> : 0 – No 1 – Yes
Internal_Fund_Acct	VARCHAR2(35)	Indicates the account that should be used for this location. <i>(Available in the LoC version only)</i>
Library Name	VARCHAR2(175)	Name of the acquisition address associated with the location/purchase order.
Location	VARCHAR2(500)	Name of the location associated with the purchase order.
Notes	VARCHAR2(2000)	Notes specific to this location. <i>(Available in the LoC version only)</i>
Order_Line_ID	NUMBER(9)	Internal ID of the purchase order line number.
Order_Quantity	NUMBER(5)	Number of copies ordered for this ship-to-address/location combination.
PO_Detail_Location_ID	NUMBER(9,0)	Internal ID for primary key.
Shipping_Method	VARCHAR2(80)	Indicates how items should be shipped to this location. <i>(Available in the LoC version only)</i>
Treatment	VARCHAR2(10)	Indicates the kind of treatment that should be applied to the volume(s) once they are received <i>(Available in the LoC version only)</i> : 0 - Binding 1 - Digitize 2 - Microfiche 3 - Microfilm None

2.3.1.2.31 PO_Header_v / LoC_PO_Header_v

Field Name	Data Type	Description
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this header.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Record_Created	DATE	Date the purchase order was created.
Record_Modified	DATE	Date the purchase order was last modified.
Last_Transmitted	DATE	Date the purchase order was last transmitted.
Status	VARCHAR2(80)	Status of the purchase order.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Ship_To	VARCHAR2(175)	Name of the library to which this order is shipped.
Bill_To	VARCHAR2(175)	Name of the library to which this order is billed.
Shipping_Method	VARCHAR2(80)	Method by which this order is shipped.
Billing_Method	VARCHAR2(27)	Method by which this order is billed. Values in this field will be one of the following: <ul style="list-style-type: none"> • Courier • E-mail • Fax • U.S. Mail • X12 • Unidentified Billing Method
Record_Modified_By	VARCHAR2(80)	Name of the user who last modified this purchase order.
Purchase_Location	VARCHAR2(500)	Location of the purchasing library.

Field Name	Data Type	Description
Priority	VARCHAR2(21)	Indicates whether this order is a rush order. Values in this field will be one of the following: <ul style="list-style-type: none"> • Normal Processing • Rush Order • Unidentified Priority
Order_Type	VARCHAR2(23)	The type of purchase order. Values in this field will be one of the following: <ul style="list-style-type: none"> • Monograph • Serial • Standing • Monographic Set • Planned • Multi-volume Set • Unidentified Order Type
Order_Type_Code	NUMBER(2,0)	The code that corresponds to the order type. Values in this field will be one of the following: 0 = Monograph 1 = Serial 2 = Standing Order 3 = Monographic Set 4 = Planned Order 5 = Multi-volume Set

Field Name	Data Type	Description
Payment_Type	NUMBER(2)	Type of payment for this order. Values in this field will be one of the following: <ul style="list-style-type: none"> • Standard Payment • Pre-payment (<i>non-LoC version only</i>) • Exchange (<i>LoC version only</i>) • Donation (<i>non-LoC version only</i>) • Gift (<i>LoC version only</i>) • Deposit • Prepaid Special • Unidentified Payment Type
Order_Description	VARCHAR2(500)	Free text field to describe the order.
Cancel_Date	DATE	Date the order was canceled.
User_Order_Date	DATE	User-entered order date.
Print_Prefix	CHAR(3)	Language in which the order is translated.
Original_POID	VARCHAR2(35)	Original ID of this purchase order.
Bibliographic_ID	NUMBER(9)	Bibliographic ID of the record that represents the order. Only used for COG orders.
Customer_Account_ID	VARCHAR2(35)	Account ID associated with the order. Only used for EDIFACT orders.
Transmit_Method	VARCHAR2(25)	Method of transmitting the order. Values in this field will be one of the following: <ul style="list-style-type: none"> • Print • E-mail • EDIFACT delivered via ftp • EDIFACT and print

Field Name	Data Type	Description
Exchange_Order	VARCHAR2(3)	Indicates whether this is an exchange order. Values in this field will be one of the following: <ul style="list-style-type: none">• No• Yes
Renewal_Number	NUMBER(9)	Only used for serial orders. Indicates the number of times the order has been renewed.

2.3.1.2.32 PO_Header_Note_v

Field Name	Data Type	Description
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this note.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Internal_Note_ID	NUMBER(9)	System-assigned number that links this note to the purchase order.
Record_Modified	DATE	Date the note was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified this note.
Priority	VARCHAR2(4000)	Indicates whether this note is a priority note. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular Note • Priority Note • Unidentified Priority
Transmit_Note	VARCHAR2(20)	Indicates whether the note is to be transmitted to the vendor. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Note	VARCHAR2(2000)	Text of the note.

2.3.1.2.33 PO_Detail_Note_v

Field Name	Data Type	Description
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this note.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with this note.
Internal_Note_ID	NUMBER(9)	System-assigned number that links this note to the purchase order line item.
Record_Modified	DATE	Date the note was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified this note.
Priority	VARCHAR2(4000)	Indicates whether this note is a priority note. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular Note • Priority Note • Unidentified Priority
Note_Transmitted	VARCHAR2(20)	Indicates whether the note is to be transmitted to the vendor. Values in this field will be one of the following: <ul style="list-style-type: none"> • Do Not Transmit Note • Transmit Note • Undetermined
Note	VARCHAR2(2000)	Text of the note.
Internal_Line_ID	NUMBER(9)	Internal system ID assigned to the purchase order line item.

2.3.1.2.34 PO_Detail_Volume_v / LoC_PO_Detail_Volume_v

Field Name	Data Type	Description
Acct_Name	VARCHAR2(35)	Indicates the account that should be used for this volume. <i>(Available in the LoC version only)</i>
Description	VARCHAR2(35)	Description of the volume.
Direct_Shipment	VARCHAR2(3)	Indicates whether the supplier will ship some of the copies for this order directly to the participant. <i>(Available in the LoC version only)</i> 0 – No 1 – Yes
Location	VARCHAR2(500)	The location where the volume will ultimately end up.
Notes	VARCHAR2(2000)	Notes specific to this volume. <i>(Available in the LoC version only)</i>
PO_Volume_ID	NUMBER(9)	Internal ID of the purchase order volume.
Purchase_Order_ID	NUMBER(9)	Internal ID of the purchase order associated with this volume.
Purchase_Order_Line_Number	NUMBER(5)	The line number on the purchase order associated with the volume.
Quantity	NUMBER(9)	The quantity of the volume being ordered.
Receiving_Location	VARCHAR2(175)	The location that will receive the volume.
Ship_Method	VARCHAR2(80)	Indicates how volumes should be shipped to this location. <i>(Available in the LoC version only)</i>
Treatment	VARCHAR2(39)	Indicates the kind of treatment that should be applied to the volume(s) once they are received <i>(Available in the LoC version only)</i> : 0 – Binding 1 – Digitize 2 – Microfiche 3 – Microfilm
Unit_Price	NUMBER(25,10)	The unit price of the volume.

2.3.1.2.35 Receipt_v / LoC_Receipt_v

Field Name	Data Type	Description
Condition	VARCHAR2(80)	Condition in which the items were received.
Deleted	VARCHAR2(19)	Indicates whether the receipt was marked as deleted. <ul style="list-style-type: none"> • Receipt Not Deleted • Receipt Deleted
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Location	VARCHAR2(500)	The destination location associated with the receipt.
Location_Ship_To	VARCHAR2(175)	The address to which the items were shipped.
New_Book_List	VARCHAR2(26)	Indicates whether the item is included in the New Books List. Values in this field will be one of the following: <ul style="list-style-type: none"> • Item Not On New Books List • Item On New Books List • Undetermined
Order_Line_ID	NUMBER(9)	ID of the purchase order line associated with this receipt.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this receipt.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with this receipt.
Qty_Received	NUMBER(5)	Number of items received.
Receipt_ID	NUMBER(9)	ID number of this receipt.
Receipt_Received	DATE	The date the items were received.
Record_Modified	DATE	The date the record was last modified.
Ship_Method	VARCHAR2(80)	Indicates how the items are to be shipped. <i>(Available in the LoC version only)</i>
Status	VARCHAR2(80)	The status assigned to this receipt.

Field Name	Data Type	Description
Treatment	VARCHAR2(23)	Indicates the kind of treatment to be applied to the items once they are received (<i>Available in the LoC version only</i>): 0 – Binding 1 – Digitize 2 – Microfiche 3 – Microfilm

2.3.1.2.36 Receipt_Note_v

Field Name	Data Type	Description
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this receipt note.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Receipt_ID	NUMBER(9)	ID of the receipt to which this note is attached.
Internal_Note_ID	NUMBER(9)	System-assigned number that links this note to the receipt.
Record_Modified	DATE	Date the note was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified this note.
Priority	VARCHAR2(4000)	Indicates whether this note is a priority note. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular Note • Priority Note • Unidentified Priority
Note	VARCHAR2(2000)	Text of the note.

2.3.1.2.37 Acq_Transaction_Log_v

Field Name	Data Type	Description
Action	VARCHAR2(82)	<p>Action performed in the transaction. Values in this field will be one of the following:</p> <ul style="list-style-type: none"> • Account Added • Account Modified • Account Deleted • Account Funds Added • Account Funds Transfer • Account Disabled During Fiscal Year Rollover • Purchase Order Added • Purchase Order Modified • Purchase Order Deleted • Purchase Order Canceled • Purchase Order Transmitted • Purchase Order Cancel Transmitted • Purchase Order Renewed • Purchase Order Line Item Added • Purchase Order Line Item Modified • Purchase Order Line Item Deleted • Purchase Order Line Item Canceled • Purchase Order Line Item Renewed • Order Line Rolled Over (i.e., encumbrances for order line rolled over to the new fiscal year.) • Receipt Added • Receipt Modified

Field Name	Data Type	Description
		<ul style="list-style-type: none"> • Receipt Deleted • Receipt Automatically Added • Invoice Added • Invoice Modified • Invoice Deleted • Header Fee Rolled Over • Header Tax Rolled Over • Invoice Detail Added • Invoice Detail Modified • Invoice Detail Deleted • Invoice Price Rolled Over • Line Fee Rolled Over • Line Tax Rolled Over • Payment Added • Payment No Invoice Added • Payment Updated • Payment Deleted • Payment No Invoice Updated • Payment No Invoice Deleted • Credit Added • Credit Modified • Credit Deleted • Credit Applied • Credit Rolled Over • Incorporated latest currency conversion factors into acq encumbrances • Fixed acq order line encumbrances (i.e., indication of where data caused by

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Field Name	Data Type	Description
		<p>early system bugs was fixed.)</p> <ul style="list-style-type: none"> • Vendor Added • Vendor Updated • Vendor Deleted • Purchase Request Added • Purchase Request Modified • Purchase Request Deleted • Purchase Request Rejected • Unidentified Action (i.e., default translation used for actions that the view cannot translate.) <p>Note: To see which fields are affected by any one action, see Appendix B.</p>
Transaction_Date	DATE	Date of the transaction.
Transaction_ID	NUMBER(9)	System ID of the transaction.
Record_Modified_By	VARCHAR2(80)	Name of the user performing this transaction.
Hostname	VARCHAR2(256)	The fully qualified machine name of the workstation from which the transaction was initiated.
Account_Nr	NUMBER(9)	ID number of account associated with the transaction.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this transaction.
Internal_Purchase_Order_ID	NUMBER(9)	Internal ID of the purchase order.
Receipt_ID	NUMBER(9)	ID of the receipt associated with this transaction.
Invoice_ID	NUMBER(35)	ID of the invoice associated with this transaction.
Voucher_ID	NUMBER(9)	ID of the voucher associated with this transaction.
Credit_Nr	NUMBER(9)	ID of the credit associated with the transaction.

Field Name	Data Type	Description
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order that is associated with this transaction.
Vendor	VARCHAR2(726)	Name of the vendor.
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Purchase_Request_ID	NUMBER(9)	The internal ID of the purchase request that the transaction was linked to.
Reason	VARCHAR2(150)	The reason (if specified by the user) that the transaction was performed.
Bib_ID	NUMBER(9)	The Bib ID of the bibliographic record linked to the transaction.
Previous_Request_Status	VARCHAR2(80)	The previous status of the purchase order request.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Status_Change_Reason	VARCHAR2(150)	The reason (if specified by the user) that the request status changed.

2.3.1.2.38 Vendor_Statistics_v

Field Name	Data Type	Description
Vendor	VARCHAR2(726)	Name of the vendor.

Field Name	Data Type	Description
Statistic	VARCHAR2(24)	Type of status information stored in the Value field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Quantity Ordered • Quantity Received • Quantity Canceled • Value Ordered • Value Paid • Value Canceled • Number of Claims Sent • Number of Claims Resolved • Value of Claims Sent • Value of Claims Resolved
Value	NUMBER(25,10)	Number associated with the value defined in the Status field. For example, if the Value field is 10 and the status field is Quantity Ordered , 10 items have been ordered from this vendor.

2.3.1.2.39 Acq_Account_Audit_v

Field Name	Data Type	Description
Account_Number	NUMBER(9)	Fund account involved in this transaction.
Transaction_Date	DATE	Date of the transaction.
Fee_Amount	NUMBER(25,10)	Amount of the fee associated with this transaction.
Record_Modified_By	VARCHAR2(80)	Name of the user involved in this transaction.
Fee_Type	VARCHAR2(37)	Type of fee involved in the transaction. Values in this field will be one of the following: <ul style="list-style-type: none"> • Account Allocated – Amount allocated for new account. • Account Encumbered – Amount encumbered as the result of a transaction. • Account Disencumbered – Amount disencumbered as the result of a transaction. • Account Expended – Amount expended as the result of a transaction. • Account Allocation Altered – Amount allocated as the result of an allocation request. • Account Participated in Fund Transfer – Change of allocation as the result of a fund transfer. • Account Credited – Amount unexpended as the result of a transaction. • Revenue Applied – For internal order credits only. • Encumbrance Rolled In – Amount of encumbrance rolled into the account as the result of a fiscal year rollover. • Encumbrance Rolled Out – Amount of encumbrance rolled out of the account as the result of a fiscal year rollover.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this transaction.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.

Field Name	Data Type	Description
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order associated with this transaction.
Logon_Location	NUMBER(500)	Location of the library where the transaction took place.
Hostname	VARCHAR2(256)	The fully qualified machine name of the workstation from which the transaction was initiated.

2.3.1.2.40 Payment_Header_v / LoC_Payment_Header_v

Field Name	Data Type	Description
Accession_Number	NUMBER(9)	User-entered data. This field is not used by Virtua for any purpose.
Created_By	VARCHAR2(161)	The user who created the payment.
Internal_Voucher_ID	NUMBER(9)	The system-assigned, internal ID of the voucher associated with this payment.
Logon_Location	VARCHAR2(500)	The log-on location of the user saving the payment.
Outside_Payer_Year_Month	VARCHAR2(40)	The outside payer year/month used for searching. <i>(Available in the LOC version only)</i>
Payment_Type	VARCHAR2(25)	The type of payment for this order. Values in this field will be one of the following: <ul style="list-style-type: none"> • Payment with invoice • Payment without Invoice
Print_File_Prefix	VARCHAR2(30)	Indicates the language in which the voucher is to be printed.
Record_Created_Date	DATE	The date the payment record was saved (sysdate).
SAP_Code	VARCHAR2(15)	The code associated with this payment SAP.
SAP_Description	VARCHAR2(35)	The description of this payment SAP code
Status	VARCHAR2(80)	The status of the payment.
User_Pay_Date	DATE	The user-entered payment date.

Field Name	Data Type	Description
Vendor	VARCHAR2(726)	The name of the vendor.
Vendor_ID	NUMBER(9)	The system-assigned ID for the vendor.
Voucher_ID	VARCHAR2(30)	The voucher ID of the payment the user entered.

2.3.1.2.41 Payment_Detail_v

Field Name	Data Type	Description
Internal_Voucher_ID	NUMBER(9)	System-assigned, internal ID of the invoice to which the payment is attached.
Invoice_ID	VARCHAR2(35)	ID of the invoice to which the payment is attached.
Purchase_Order_ID	VARCHAR2(75)	ID of the purchase order associated with this payment.
Internal_Purchase_Order_ID	NUMBER(9)	Internal system ID assigned to the purchase order.
Purchase_Order_Line_Nr	NUMBER(5)	Line number in the purchase order associated with this payment.
Fee_Flag	VARCHAR2(21)	Indicates whether this payment is for a fee. Values in this field will be one of the following: <ul style="list-style-type: none"> • Fee Payment • Non-fee Payment • Unidentified Fee Flag
Amount	NUMBER(25,10)	Amount of the payment.
Currency	VARCHAR2(80)	Currency used for the payment.
Is_Tax	VARCHAR2(4000)	Determines whether the payment is for a tax.. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Conversion_Factor	NUMBER(20,10)	The conversion factor used in association with the currency value.
Order_Line_ID	NUMBER(9,0)	ID of the purchase order line associated with this payment.

2.3.1.2.42 Payment_Account_v

Field Name	Data Type	Description
Internal_Voucher_ID	NUMBER(9)	System-assigned, internal ID of the voucher to which the payment account is attached.
Account_ID	NUMBER(9)	Account number of the fund account.
Amount	NUMBER(25,10)	Amount of the payment.
Currency	VARCHAR2(80)	Currency used for the payment.

2.3.1.2.43 Payment_Method_v

Field Name	Data Type	Description
Payment_Method_ID	NUMBER(9)	ID of the payment method.
Is_Default	VARCHAR2(4000)	Determines whether the payment method is the default payment method. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Payment_Method_Name	VARCHAR2(40)	Name of the payment method.

2.3.1.2.44 Payment_Note_v

Field Name	Data Type	Description
Internal_Voucher_ID	NUMBER(9)	System-assigned, internal ID of the voucher to which the payment is attached.
Internal_Note_ID	NUMBER(9)	System-assigned number that links this note to the payment record.
Record_Modified_Date	DATE	Date the note was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified this note.
Priority	VARCHAR2(4000)	Indicates whether this note is a priority note. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular Note • Priority Note • Unidentified Priority
Text	VARCHAR2(2000)	Text of the note.

2.3.1.2.45 Payment_SAP_v

Field Name	Data Type	Description
Payment_SAP_ID	NUMBER(9)	Internal SAP identification number for payments.
Is_Default	VARCHAR2(4000)	Determines whether this is the default Payment SAP. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
SAP_Code	VARCHAR2(15)	SAP Code.
SAP_Description	VARCHAR2(35)	Description of the SAP code.

2.3.1.2.46 EDIFACT_Invoice_Error_v

Field Name	Data Type	Description
Error_ID	NUMBER(9)	System-assigned, internal ID for the EDIFACT invoice error.
Vendor_ID	NUMBER(9)	Vendor ID of the vendor for whom the claim was created.
Vendor	VARCHAR2(726)	EDIFACT vendor name.
Invoice_ID	NUMBER(9)	Unique ID of this invoice.
Invoice_Date	DATE	The vendor's invoice date. If this date is unavailable, this field will be the date an attempt was made to read the invoice.
File_Name	VARCHAR2(100)	Name of file involved in the transaction, if applicable.
Error_Message	VARCHAR2(46)	The error message for the claim error.
Additional_Information	VARCHAR2(200)	Additional information about the error.

2.3.1.2.47 EDIFACT_Claim_Error_v

Field Name	Data Type	Description
Error_ID	NUMBER(9)	System-assigned, internal ID for the EDIFACT claim error.
Vendor_ID	NUMBER(9)	Vendor ID of the vendor for whom the claim was created.
Vendor	VARCHAR2(726)	EDIFACT vendor name.
Claim_ID	NUMBER(9)	Unique ID of this claim.
Attempt_Date	DATE	Date the claim was made.
File_Name	VARCHAR2(100)	Name of file involved in the transaction, if applicable.
Error_Message	VARCHAR2(46)	The error message for the claim error.
Additional_Information	VARCHAR2(200)	Additional information about the error.

2.3.1.2.48 EDIFACT_Order_Error_v

Field Name	Data Type	Description
Error_ID	NUMBER(9)	System-assigned, internal ID for the EDIFACT order error.
Vendor_ID	NUMBER(9)	Vendor ID of the vendor for whom the order was created.
Vendor	VARCHAR2(726)	EDIFACT vendor name.
PO_ID	NUMBER(9)	Unique ID of this PO.
Attempt_Date	DATE	Date the attempt to send the order was made.
File_Name	VARCHAR2(100)	Name of file involved in the transaction, if applicable.
Error_Message	VARCHAR2(46)	The error message for the order error.
Additional_Information	VARCHAR2(200)	Additional information about the error.

2.3.1.2.49 MARC_Order_Error_v

Field Name	Data Type	Description
Error_ID	NUMBER(9)	System-assigned, internal ID for the MARC order error.
Vendor_ID	NUMBER(9)	Vendor ID of the vendor for whom the order was created.
Vendor	VARCHAR2(726)	Vendor name.
PO_ID	NUMBER(9)	Unique ID of the PO.
PO_Line_No	NUMBER(9)	Order line number of the item involved in the transaction.
Bib_ID	DATE	The Bibliographic ID of the record being downloaded.
Order_Date	VARCHAR2(46)	The order date. If this is unavailable, this will be the date an attempt was made to read the order.
File_Name	VARCHAR2(100)	Name of file involved in the transaction, if applicable.
Error_Message	VARCHAR2(46)	The error message for the order error.
Additional_Information	VARCHAR2(200)	Additional information about the error.

2.3.1.2.50 Fiscal_Year_v

Field Name	Data Type	Description
Alternate_Name	VARCHAR2(30 BYTE)	Stores the fiscal year format used by Serials Solutions.
Begin_Date	DATE	The date that the fiscal year begins.
End_Date	DATE	The date that the fiscal year ends.
Fiscal_Year	VARCHAR2(30 BYTE)	The fiscal year that is being described.
Fiscal_Year_ID	NUMBER(9,0)	The system-generated internal ID of this fiscal year.
Institution_ID	NUMBER(9,0)	The ID of the institution that the year is linked to.
Is_Current	NUMBER(1,0)	Indicates if the fiscal year is the current fiscal year: <ul style="list-style-type: none"> • No • Yes
Is_Disabled	NUMBER(1,0)	Indicates if the fiscal year is disabled: <ul style="list-style-type: none"> • No • Yes
Modified_By	NUMBER(9,0)	The ID of the user that last modified the fiscal year.
Timestamp	DATE	The date the fiscal year was last modified.

2.3.1.2.51 Fund_Account_v / LoC_Fund_Account_v

Field Name	Data Type	Description
ACCOUNT_CREATED	DATE	Date the fund account was created.
ACCOUNT_NAME	VARCHAR2(35)	Name of the fund account.
ACCOUNT_TYPE	VARCHAR2(23)	Indicates whether this account is used for binding, shipping, material, or some other purpose. <i>(Available in the LoC version only)</i> 0 - Binding 1 - Shipping 2 - Material - All 3 - Material - Monograph 4 - Material - Continuation 5 - Other
ALLOCATION	NUMBER(25,10)	Amount allocated to the fund account.
COUNTRY	VARCHAR2(3)	The country associated with the account. <i>(Available in the LoC version only)</i>
CUSTOMER_ACCOUNT_NAME	VARCHAR2(100)	A name or description that ordinary users can use to identify this account.
DEPOSIT_ACCOUNT_THRESHOLD	NUMBER(25,10)	Free balance at which to warn the user that the account is running low on money.
DEPOSIT_AMOUNT	NUMBER(25,10)	The amount of the deposit.
DISTRIBUTION	NUMBER(25,10)	Total distributed to child accounts.

Field Name	Data Type	Description
ENABLE	VARCHAR2(26)	Indicates whether the account is enabled for use. Values in this field will be one of the following: <ul style="list-style-type: none"> • Not Enabled • Enabled • Unidentified Enabled Flag
ENCUMBER_DEPLETION_PCT	NUMBER(7,4)	The minimum amount that must remain in an account, expressed as the percentage of Free Balance to Allocation (i.e., Free Balance / Allocation), when funds are encumbered.
ENCUMBRANCE	NUMBER(25,10)	Total encumbered against the account.
EXPENDITURE	NUMBER(25,10)	Total expended from the account.
EXPEND_DEPLETION_PCT	NUMBER(7,4)	The minimum amount that must remain in an account, expressed as the percentage of Free Balance to Allocation (i.e., Free Balance / Allocation), when funds are expended.
FISCAL_YEAR	VARCHAR2(30)	Fiscal year assigned to the fund account.
FISCAL_YEAR_ID	NUMBER(9)	System-assigned ID of the fiscal year of the account.
FUND_ACCT_ID	NUMBER(9)	System-assigned, internal ID for the fund account.
FUND_CODE	VARCHAR2(35)	User-defined data. Virtua does not use this field for any purpose.
IS_DEPOSIT	VARCHAR2(21)	Indicates whether this is a deposit account: 0 - Not a deposit account (<i>Default</i>) 1 - Is a deposit account
LOGON_LOCATION	VARCHAR2(500)	Location of the library listed on the fund account.
OVER_ENCUMBER_PCT	NUMBER(9)	Percent over the allocated amount that the system will allow.

Field Name	Data Type	Description
OVER_EXPEND_PCT	NUMBER(9)	Percent over the allocated amount that the system will allow.
PARENT_ACCT_ID	NUMBER(9)	Internal ID of the parent fund account (=0 if no parent).
PCT_REMAINING_IN_FUND_ACCT	NUMBER	The percentage of the allocated amount remaining in the fund account.
RECORD_LAST_MODIFIED	DATE	Date the fund account was last modified.
REPLENISH_AMOUNT	NUMBER(25,10)	For deposit accounts, the free balance at which a warning is issued to move additional funds into the account.
USER_ACCT_ID	VARCHAR2(35)	User-defined ID for the fund account.
VENDOR_ID	NUMBER(9)	The internal ID of the vendor.
VENDOR_NAME_COUNT	NUMBER(2)	<p>Number indicating the position of the name in the name list. A count of 0 indicates this record contains the primary name.</p> <p>If there is no record with a count of 0, Virtua will take the primary name from the record with the lowest count. This field is recalculated each time the vendor information is updated.</p>

2.3.1.2.52 Distribution_Group_v

Field Name	Data Type	Description
Group_ID	NUMBER(9)	System-defined ID of the group.
Group_Name	VARCHAR2(175)	Name of the group.
Is_Default	VARCHAR2(18)	Determined whether this is the default group. Values in this field will be one of the following: <ul style="list-style-type: none"> • Not Default Group • Default Group • Undetermined Group
Default_Qty_Ordered	NUMBER(9)	Default quantity ordered for each library.
Default_Qty_Distributed	NUMBER(9)	Default quantity distributed to each library.

2.3.1.2.53 Distribution_Group_Account_v

Field Name	Data Type	Description
Group_ID	NUMBER(9)	ID of the group with which this account is associated.
Internal_Acct_ID	NUMBER(9)	ID of the fund account associated with this group.
Pct_Encumbered	NUMBER(7,4)	Default percent this account is encumbered.
Group_Name	VARCHAR2(175)	Name of the group.
Account_Name	VARCHAR2(35)	Name of the fund account.

2.3.1.2.54 Distribution_Group_Library_v

Field Name	Data Type	Description
Group_ID	NUMBER(9)	ID of the group with which this library is associated.
Internal_Library_ID	NUMBER(9)	ID of the library.
Group_Name	VARCHAR2(175)	Name of the group.
Library_Name	VARCHAR2(175)	Name of the library.

2.3.1.2.55 Credit_Status_v

Field Name	Data Type	Description
Credit_Status_ID	NUMBER(9)	ID associated with the credit status.
Institution	VARCHAR2(100)	Name of the institution associated with the credit status.
Status	VARCHAR2(80)	Descriptive name of the status.
Category	VARCHAR2(4000)	Category of the status. Values in this field will be one of the following: <ul style="list-style-type: none"> • Proceed • Hold • Proceed with Caution
Is_Default	VARCHAR2(4000)	Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Record_Modified_Date	DATE	Date the Credit Statuses parameter was last saved in the Virtua Profiler.
Record_Modified_By	VARCHAR2(161)	Name of the user who last saved the Credit Statuses parameter in the Virtua Profiler.

2.3.1.2.56 Invoice_Status_v

Field Name	Data Type	Description
Invoice_Status_ID	NUMBER(9)	ID associated with the invoice status.
Institution	VARCHAR2(100)	Name of the institution associated with this invoice status.
Status	VARCHAR2(80)	Descriptive name of the status.
Category	VARCHAR2(4000)	Category of the status. Values in this field will be one of the following: <ul style="list-style-type: none"> • Proceed • Hold • Proceed with Caution
Is_Default	VARCHAR2(4000)	Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Record_Modified_Date	DATE	Date the Invoice Statuses parameter was last saved in the Virtua Profiler.
Record_Modified_By	VARCHAR2(161)	Name of the user who last saved the Invoice Statuses parameter in the Virtua Profiler.

2.3.1.2.57 Payment_Status_v

Field Name	Data Type	Description
Payment_Status_ID	NUMBER(9)	ID associated with the payment status.
Institution	VARCHAR2(100)	Name of the institution associated with this payment status.
Status	VARCHAR2(80)	Descriptive name of the status.
Category	VARCHAR2(4000)	Category of the status. Values in this field will be one of the following: <ul style="list-style-type: none"> • Proceed • Hold • Proceed with Caution
Is_Default	VARCHAR2(4000)	Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Record_Modified_Date	DATE	Date the Payment Statuses parameter was last saved in the Virtua Profiler.
Record_Modified_By	VARCHAR2(161)	Name of the user who last saved the Payment Statuses parameter in the Virtua Profiler.

2.3.1.2.58 PO_Order_Type_v

Field Name	Data Type	Description
Order_Type_Code	NUMBER	The type of purchase order. Values in this field will be one of the following: 0 = Monograph 1 = Serial 2 = Standing 3 = Monographic Set 4 = Planned 5 = Multi-volume Set
Description	VARCHAR2(16)	A text description that corresponds to the order type (“Monograph,” “Serial,” etc.).

2.3.1.2.59 PO_Status_v

Field Name	Data Type	Description
PO_Status_ID	NUMBER(9)	ID associated with the purchase order status.
Institution	VARCHAR2(100)	Name of the institution associated with this purchase order status
Status	VARCHAR2(80)	Descriptive name of the status.
Category	VARCHAR2(4000)	Category of the status. Values in this field will be one of the following: <ul style="list-style-type: none"> • Proceed • Hold • Proceed with Caution
Is_Default	VARCHAR2(4000)	Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Record_Modified_Date	DATE	Date the Purchase Order Statuses parameter was last saved in the Virtua Profiler.
Record_Modified_By	VARCHAR2(161)	Name of the user who last saved the Purchase Order Statuses parameter in the Virtua Profiler.

2.3.1.2.60 Receipt_Status_v

Field Name	Data Type	Description
Receipt_Status_ID	NUMBER(9)	ID associated with the receipt status.
Institution	VARCHAR2(100)	Name of the institution associated with the receipt status.
Status	VARCHAR2(80)	Descriptive name of the status.
Category	VARCHAR2(4000)	Category of the status. Values in this field will be one of the following: <ul style="list-style-type: none"> • Proceed • Hold • Proceed with Caution
Is_Default	VARCHAR2(4000)	Whether the status is a default status. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Record_Modified_Date	DATE	Date the Receipt Statuses parameter was last saved in the Virtua Profiler.
Record_Modified_By	VARCHAR2(161)	Name of the user who last saved the Receipt Statuses parameter in the Virtua Profiler.

2.3.1.2.61 PO_Subject_Code_v

Field Name	Data Type	Description
PO_Subject_Code_ID	NUMBER(9)	Code of the purchase order subject.
Subject	VARCHAR2(80)	Description of the purchase order subject.
Record_Modified_Date	DATE	Date the Subject Codes parameter was last saved in the Virtua Profiler.
Record_Modified_By	VARCHAR2(80)	Name of the user who last saved the Subject Codes parameter in the Virtua Profiler.

2.3.1.2.62 Shipping_Method_v

Field Name	Data Type	Description
Method_ID	NUMBER(9)	ID of the method.
Method_Name	VARCHAR2(80)	Descriptive name of the method.
EDI_Code	VARCHAR2(3)	<i>This column is not operational in this release.</i>

2.3.1.2.63 Vendor_Address_v

Field Name	Data Type	Description
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Name	VARCHAR2(726)	Name of the vendor.
Address_Type	VARCHAR2(7)	Type of address represented by the row. Values in this field will be one of the following: <ul style="list-style-type: none"> • Order • Returns • Claims • Payment • Other
Address_1	VARCHAR2(200)	First line of the address field.
Address_2	VARCHAR2(200)	Second line of the address field.
Address_3	VARCHAR2(1000)	Third line of the address field.
City	VARCHAR2(200)	City listed for the vendor address.
County_Or_Parish	VARCHAR2(200)	County or parish listed for the vendor address.
State_Or_Province	VARCHAR2(200)	State or province listed for the vendor address.
Postal_Code	VARCHAR2(200)	Postal code listed for the vendor address.
Country_Code	VARCHAR2(100)	Country code listed for the vendor address.
Telephone_Number	VARCHAR2(100)	Telephone number listed for the vendor address.
Fax_Number	VARCHAR2(100)	Fax number listed for the vendor address.
Contact	VARCHAR2(100)	Name of the point of contact for this vendor.
Email_Address	VARCHAR2(100)	E-mail address listed for the vendor address.

2.3.1.2.64 Vendor_Customer_Account_v

Field Name	Data Type	Description
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Name	VARCHAR2(726)	Name of the vendor.
Customer_Account_ID	VARCHAR2(35)	Account ID associated with the vendor.
Customer_Account_Name	VARCHAR2(100)	Name of the account.

2.3.1.2.65 Vendor_Name_v

Field Name	Data Type	Description
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Name	VARCHAR2(726)	Name of the vendor.
Primary_Name	VARCHAR2(3)	Whether this name is the primary name of the vendor. Values in this field will be one of the following: <ul style="list-style-type: none"> • Yes • No

2.3.1.2.66 Vendor_Note_v

Field Name	Data Type	Description
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Name	VARCHAR2(726)	Name of the vendor.
Note_Type	VARCHAR2(12)	Type of note. Values in this field will be one of the following: <ul style="list-style-type: none"> • Order note • Claims note • Returns note • Invoice note • Payment note • Receipt note • Credit note • General note
Print_On_Notices	VARCHAR2(4000)	Determines whether the note is printed on notices. Values in this field will be one of the following: <ul style="list-style-type: none"> • Yes • No • Unknown
Alert_User	VARCHAR2(4000)	Determines whether a pop-up window appears to display the note any time the user accesses the appropriate window. Values in this field will be one of the following: <ul style="list-style-type: none"> • Yes • No • Unknown

Field Name	Data Type	Description
Public_Note	VARCHAR2(4000)	Indicates whether this note should be displayed to the public: 0 - Do NOT display to public. 1 - Display to public.
Note_Text	VARCHAR2(2000)	Text of the note.

2.3.1.2.67 Vendor_Shipping_Method_v

Field Name	Data Type	Description
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Name	VARCHAR2(726)	Name of the vendor.
Method_Name	VARCHAR2(80)	Shipping method specified for the vendor.

2.3.1.2.68 Vendor_v / LoC_Vendor_v

Field Name	Data Type	Description
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor.
Name	VARCHAR2(726)	Name of the vendor.
Active	VARCHAR2(4000)	Indicates whether the vendor is active. Values in this field will be one of the following: <ul style="list-style-type: none"> • Yes • No • Unknown
Claim_Interval	NUMBER(3)	Number of days after the order due date that a claim should be generated for the vendor.
Reclaim_Interval	NUMBER(3)	Number of days after the order due date that a reclaim should be generated for the vendor.
Max_Number_Of_Claims	NUMBER(2)	Maximum number of claims allowed for this vendor.
Cancellation_Period	NUMBER(3)	Number of days after the order date that the vendor will automatically cancel the order if it is not fulfilled.
Order_Lead_Time	NUMBER(3)	Number of days after the order date that the order is expected to arrive. Virtua uses this field to calculate the order due date.
Institution	VARCHAR2(100)	The institution that the vendor is linked to.

Field Name	Data Type	Description
Claim_Transmit_Method	VARCHAR2(25)	Default method of transmitting claims associated with this vendor. Values in this field will be one of the following: <ul style="list-style-type: none"> • Print • EDIFACT delivered via FTP • EDIFACT and print • Unknown
Order_Transmit_Method	VARCHAR2(25)	Default method of transmitting orders to this vendor. Values in this field will be one of the following: <ul style="list-style-type: none"> • Print • E-mail • EDIFACT delivered via FTP • EDIFACT and print • Unknown
EDIFACT_TRANSMIT_METHOD	VARCHAR2(31)	Indicates how the library wants EDIFACT orders to be sent: 0 - EDIFACT not used (<i>Default</i>) 1 - EDIFACT (FTP without printing) 2 - EDIFACT and print (FTP with printing)
San_ID	VARCHAR2(17)	Standard Address Number (SAN) for this vendor.

Field Name	Data Type	Description
ID_Agency	VARCHAR2(19)	Agency that assigned the SAN for this vendor. Values in this field will be one of the following: <ul style="list-style-type: none"> • EAN • US SBN Agency • Assigned by vendor • Assigned by library • Unknown
Invoice_Discount	NUMBER(7,4)	Discount rate in the form of a percent applied to all invoices with this vendor.
Order_Discount	NUMBER(7,4)	Discount rate in the form of a percent applied to all orders from this vendor.
Order_Currency	VARCHAR2(3)	Default currency used for orders made from this vendor.
Invoice_Currency	VARCHAR2(3)	Default currency used for invoices made for this vendor.
Payment_Currency	VARCHAR2(3)	Default currency used for payments made to this vendor.
Edifact_Vendor_Type	VARCHAR2(21)	<ul style="list-style-type: none"> • EDIFACT not supported • No preference • Blackwell • YBP • Unknown
Preferred_Language	VARCHAR2(3)	Preferred language of the vendor.
URL	VARCHAR2(200)	URL for the vendor's web site.
Creation_Date	DATE	Date on which the vendor record was created.

Field Name	Data Type	Description
Modification_Date	DATE	Date on which the vendor record was last modified.
Claim_Restriction	VARCHAR2(28)	Indicates whether the vendor is restricted due to too many claims: 0 - Restriction is not in effect. 1 - Restriction is in effect. This field is mainly used for historical purposes.
Ordering_Restriction	VARCHAR2(28)	Indicates whether the vendor is restricted because ordering is denied: 0 - Restriction is not in effect. 1 - Restriction is in effect. This field is mainly used for historical purposes.
Performance_Restriction	VARCHAR2(28)	Indicates whether the vendor is restricted due to poor performance: 0 - Restriction is not in effect. 1 - Restriction is in effect. This field is mainly used for historical purposes.
Fund_Restriction	VARCHAR2(28)	Indicates whether the vendor is restricted due to allocated fund limits being reached: 0 - Restriction is not in effect. 1 - Restriction is in effect. This field is mainly used for historical purposes.
Other_Restriction	VARCHAR2(28)	Indicates whether the vendor has been restricted due to some other reason not noted in the restriction fields above: 0 - Restriction is not in effect. 1 - Restriction is in effect. This field is mainly used for historical purposes.

Field Name	Data Type	Description
Back_Order_Policy	VARCHAR2(48)	Back order policy of the vendor. Values in this field will be one of the following: <ul style="list-style-type: none"> • No back order policy • Do not back order items • Back order if out of stock or not yet published • Back order only when items are not yet published • Back order only when items are out of stock • Unknown
Minimum_Number_Orders	NUMBER(3)	The minimum number of items the vendor requires on an order for it to be valid.
Historical_Claim_Count	NUMBER(9)	The total number of claims created for this vendor.
Edifact_Order_Supported	VARCHAR2(38)	Indicates if this vendor supports EDIFACT orders with the library: 0 - Vendor does not support EDIFACT orders (<i>Default</i>). 1 - Vendor supports EDIFACT orders.
Edifact_Order_Directory	VARCHAR2(100)	The directory, relative to the log-in directory, where EDIFACT orders are located on the vendor's FTP server. A null value implies the log-in directory.
Edifact_Invoice_Supported	VARCHAR2(40)	Indicates if this vendor supports EDIFACT invoices with the library: 0 - Vendor does not support EDIFACT invoices (<i>Default</i>). 1 - Vendor supports EDIFACT invoices.

Field Name	Data Type	Description
Edifact_Invoice_Directory	VARCHAR2(100)	The directory, relative to the log-in directory, where EDIFACT invoices are located on the vendor's FTP server. A null value implies the log-in directory.
Edifact_Ftp_Server	VARCHAR2(200)	Stores the FTP address for EDIFACT operations.
Upload_Orders_Job	NUMBER(9)	Job_Schedule ID of the job for uploading orders to this vendor.
Download_Invoices_Job	NUMBER(9)	Job_Schedule ID of the job for downloading orders from this vendor.
Marc_Orders_Supported	VARCHAR2(35)	Indicates if this vendor supports MARC orders with the library: 0 - Vendor does not support MARC orders (Default). 1 - Vendor supports MARC orders.
Marc_Order_Directory	VARCHAR2(100)	The directory, relative to the log-in directory, where MARC orders are located on the vendor's FTP server. A null value implies the log-in directory.
Marc_Requests_Supported	VARCHAR2(37)	Indicates if this vendor supports MARC requests with the library: 0 - Vendor does not support MARC requests (Default). 1 - Vendor supports MARC requests.
Marc_Request_Directory	VARCHAR2(100)	The directory, relative to the log-in directory, where MARC requests are located on the vendor's FTP server. A null value implies the log-in directory.

Field Name	Data Type	Description
Marc_Workflow	VARCHAR2(135)	The preferred MARC order workflow for this vendor: 0 - Incoming MARC records are placed through the vendor's website and do not need to be ordered through Virtua. 1 - Incoming MARC records need to be ordered through Virtua.
Marc_Orders_Job_ID	NUMBER(9)	The job_ID for this vendor's "download MARC orders" job.
Marc_Requests_Job_ID	NUMBER(9)	The job_ID for this vendor's "download MARC requests" job.
Edifact_Claims_Supported	VARCHAR2(38)	Indicates if this vendor supports EDIFACT claims with the library: 0 - Vendor does not support EDIFACT claims (<i>Default</i>). 1 - Vendor supports EDIFACT claims.
Edifact_Claim_Directory	VARCHAR2(100)	The directory, relative to the log-in directory, where EDIFACT claims are located on the vendor's FTP server. A null value implies the log-in directory.
Upload_Claims_Job	NUMBER(9)	Job_Schedule ID of the job for uploading claims to this vendor.
Last_Invoice_Download	DATE	The date and time that the last invoice was downloaded.
Last_Marc_Order_Download	DATE	The date and time that the last MARC order was downloaded.
Last_Marc_Request_Download	DATE	The date and time that the last MARC request was downloaded.

Field Name	Data Type	Description
Cancel_Transmit_Method	VARCHAR2(5)	Indicates the method for transmitting canceled orders: 0 - Print 1 - E-mail
Responses_Supported	VARCHAR2(48)	Indicates if this vendor supports EDIFACT Order responses with the library: 0 - Vendor does not support EDIFACT Order responses (<i>Default</i>). 1 - Vendor supports EDIFACT Order responses.
Response_Directory	VARCHAR2(100)	The directory, relative to the log-in directory, where EDIFACT Order responses are located on the vendor's FTP server. A null value implies the log-in directory.
Last_Response_Download	DATE	The date and time that the last EDIFACT Order response was downloaded.
Response_Job_ID	NUMBER(9)	The job_ID for this vendor's "download EDIFACT Order response" job.
Is_Contract	VARCHAR2(53)	Indicates whether contract limitations apply to orders for this vendor: 0 - Do not apply (<i>Default</i>). 1 - Do apply.
Serial_Renewal_Alert_Interval	NUMBER(9,0)	The interval (number of days) between the end date of the subscription and the date the library will receive an alert to renew the order.
Serial_Price_Increase_Pct	NUMBER(7,4)	Percentage that subscription prices are expected to increase by each year.

Field Name	Data Type	Description
Subscription_Period	NUMBER(9,0)	The usual length of the subscription period for subscriptions with this vendor. This value is used to increment the subscription end date when subscriptions are renewed in batch.
Subscription_Period_Type	VARCHAR2(6)	Values in this field, which accompany a specified number (above), will be one of the following: <ul style="list-style-type: none"> • Days • Weeks • Months • Years
Fetcher	NUMBER(9)	Identifies the person who is responsible for following through on orders for a particular vendor. (<i>Available in the LoC version only</i>)
Source	VARCHAR2(18)	Indicates whether the vendor is a “source” (<i>Available in the LoC version only</i>): 0 – Is not a source (<i>Default</i>). 1 – Is a source.

2.3.1.2.69 PO_Enriched_Value_v

Field Name	Data Type	Description
PO_Enriched_Value_Id	NUMBER(9)	Internal ID used to identify this value.
PO_Enriched_Value_Code	VARCHAR2(100)	A unique code that allows the user to identify the value.
PO_Enriched_Value_Desc	VARCHAR2(100)	Description of the value code
PO_Enriched_Type_Id	NUMBER(9)	Internal ID used to identify the type.
PO_Enriched_Type_Desc	VARCHAR2(100)	Description of the value.
Is_Disabled	VARCHAR2(12)	Indicates whether this value has been disabled.

2.3.1.2.70 PO_Enriched_Type_v

Field Name	Data Type	Description
PO_Enriched_Type_Id	NUMBER(9)	Internal ID used to identify the type.
Description	VARCHAR2(100)	Description of the value.
Timestamp	DATE	The date the field was modified.
Modified_By	NUMBER(9)	The ID of the user who modified the type.
Edi_Code	VARCHAR2(3)	<p>The code that should be used to send this field in the EDIFACT order message. The possible values are:</p> <p>LAC - Accession number or barcode number</p> <p>LAF - First accession number: The first accession number in a continuous sequential range</p> <p>LAL - Last accession number: The last accession number in a continuous sequential range</p> <p>LCL - Classification: A subject class number. (The scheme—e.g: Dewey, LC— from which the class number is taken is not specified)</p> <p>LCO - Unique copy ID: Unique identifier of an individual copy, other than the accession number or barcode number (may be assigned by library system at the time of creating an order)</p> <p>LCV - Copy value: Replacement cost of an individual copy, which may be different from the price paid, and may not be the same for all copies ordered</p> <p>LFH - Feature heading: A further means of subdividing subject classes for shelving purposes</p> <p>LFN - Fund allocation: Fund allocation code</p> <p>LFS - Filing suffix: Suffix added to a subject class number to further specify a shelf location</p> <p>LLN - Loan category: Library's own code or other designation which specifies the loan status of an item (see also LST)</p>

Field Name	Data Type	Description
		<p>LLO - Branch or location code LLS - Label sublocation (Specific to OCLC) LQT - Part-order quantity LRS - Record sublocation (Specific to OCLC) LSM - Shelfmark or spine label: Complete contents of a shelfmark or spine label that defines a shelving location LSQ - Sequence code: Identifies that stock is to be shelved in specified sequence LST - Stock category: Identifies a stock category, e.g. “children’s fiction.” May sometimes be used to specify loan status, e.g. “2-week loan collection” LSZ - Size code: Indicates that stock is to be shelved separately by reason of size or format LVC - Servicing instruction code: Code from EDItEUR list 3B which specifies a special servicing requirement LVT - Servicing instruction text: Plain text which specifies a special servicing requirement</p>
Edi_Code_Description	VARCHAR2(39)	Description of the EDI code.

2.3.1.2.71 PO_Enriched_Type_Inst_v

Field Name	Data Type	Description
PO_Enriched_Type_Id	NUMBER(9)	Internal ID used to identify the type.
PO_Enriched_Type_Description	VARCHAR2(100)	Description of the enriched type.
Institution_Name	VARCHAR2(100)	The name of the institution that can use the enriched type.
Mandatory	VARCHAR2(9)	Indicates whether the institution requires a value for this enriched type.

2.3.1.2.72 PO_Inv_Enriched_Value_v

Field Name	Data Type	Description
PO_Enriched_Value_Id	NUMBER(9)	The enriched value ID.
PO_Enriched_Value_Description	VARCHAR2(100)	Description of the enriched value.
PO_Enriched_Type_Id	NUMBER(9)	Internal ID used to identify the type.
PO_Enriched_Type_Description	VARCHAR2(100)	Description of the enriched type.
Order_Line_Id	NUMBER(9)	The internal ID of the order line the value is assigned to.

2.3.1.2.73 PO_Detail_Enriched_Value_v

Field Name	Data Type	Description
PO_Enriched_Value_Id	NUMBER(9)	The enriched value ID.
PO_Enriched_Value_Description	VARCHAR2(100)	Description of the enriched value.
PO_Enriched_Type_Id	NUMBER(9)	Internal ID used to identify the type.
PO_Enriched_Type_Description	VARCHAR2(100)	Description of the enriched type.
Order_Line_Id	NUMBER(9)	The internal ID of the order line the value is assigned to.

2.3.1.2.74 Vendor_Enriched_Data_Map_v

Field Name	Data Type	Description
Vendor_Id	NUMBER(9)	The internal ID of the vendor.
Vendor_Name	VARCHAR2(726)	The name of the vendor that this item was requested to be ordered from.
PO_Enriched_Type_Id	NUMBER(9)	Internal ID used to identify the type.
PO_Enriched_Type_Description	VARCHAR2(100)	Description of the enriched type.
Marc_Tag	NUMBER(3)	The tag in the MARC record where the data can be found.
Marc_Tag_Subfield	CHAR(1)	The subfield in the MARC record where the data can be found.

2.3.1.2.75 Purchase_Request_v / LoC_Purchase_Request_v

Field Name	Data Type	Description
Internal_Request_ID	NUMBER(9,0)	The internal system ID of the purchase request.
Category	VARCHAR2(100)	Text indicating the purchase request category.
Bibliographic_ID	NUMBER(9)	The ID of the bibliographic record requested.
Create_Date	DATE	The date the purchase request was created.
Last_Modified_Date	DATE	The date the purchase request was last modified.
Created_By	VARCHAR2(161)	The name of the user that created the request.
Patron_Name/Participant_Name	VARCHAR2(903)	The name of the patron/LoC participant who requested the item.
Patron_Barcode/Participant_Barcode	VARCHAR2(50)	The barcode of the patron/participant who requested the item.
Vendor_ID	NUMBER(9,0)	The internal system ID of the vendor that this item was requested to be ordered from.
Vendor_Name	VARCHAR2(726)	The name of the vendor that this item was requested to be ordered from.
Material	VARCHAR2(16)	Text indicating the type of material being ordered. Valid values: <ul style="list-style-type: none"> • Books • Computer Files • Maps • Music • Serials • Visual Materials • Mixed Materials

Field Name	Data Type	Description
Quantity	NUMBER(9,0)	The quantity requested.
Status	VARCHAR2(80)	Text indicating the status of the purchase request.
Note	VARCHAR2(2000)	Notes associated with the purchase request.
Auto_Email	VARCHAR2(19)	Indicates if the patron wants to be e-mailed when the purchase request is rejected or ordered: <ul style="list-style-type: none"> • Does NOT want e-mail. • Wants e-mail.
Auto_Hold	VARCHAR2(27)	Indicates if the patron wants a hold to be placed when the item is received: <ul style="list-style-type: none"> • Does NOT want a hold placed. • Wants a hold placed.
Rush_Order	VARCHAR2(11)	Indicates if the order is to be rushed: <ul style="list-style-type: none"> • Do NOT rush. • Rush.
Rush_Reason	VARCHAR2(100)	Text indicating why the order should be rushed.
Internal_Account_ID	NUMBER(9)	The internal system ID of the account that is to be used to order the item.
Account_Number	VARCHAR2(35)	The user-specified ID of the account that is to be used to order the item.
Account_Name	VARCHAR2(35)	The name of the account that should be used to order the item.
Fiscal_Year	VARCHAR2(30)	Text indicating the fiscal year of the account that should be used to order the item.
Unit_Price	NUMBER(25,10)	The unit price of the item in home currency.
Rejection_Reason	VARCHAR2(100)	Text indicating why the purchase request was rejected.

Field Name	Data Type	Description
Purchase_Request_Group	VARCHAR2(80)	The name of the purchase request group this purchase request falls under.
Location_Code	NUMBER(9,0)	The numeric ID (e.g., 10000) of the location that was requested to order the item.
Location_Name	VARCHAR2(500)	The name of the location that was requested to order the item.
ISBN	VARCHAR2(13)	The item's ISBN.
ISSN	VARCHAR2(10)	The item's ISSN.
Title	VARCHAR2(2000)	The item's title.
Author	VARCHAR2(2000)	The item's author.
Publisher_Name	VARCHAR2(100)	The item's publisher.
Publication_Place	VARCHAR2(100)	The place the item was published.
Publication_Date	VARCHAR2(100)	The date the item was published.
Source_ID	NUMBER(9,0)	The internal system ID assigned to the source of selection.
Source_Of_Selection	VARCHAR2(100)	Text indicating the source of the purchase request selection.
Music_Number	VARCHAR2(100)	The item's music number.
Currency_Code	VARCHAR2(3)	The currency code associated with the unit price of the item.
Requester_Prefix	VARCHAR2(100)	The prefix associated with the user who placed the purchase request.
Requester_Name	VARCHAR2(300)	The name of the user who placed the purchase request.
Requester_Address	VARCHAR2(2000)	The address of the user who placed the purchase request.
Requester_Telephone	VARCHAR2(100)	The telephone number of the user who placed the purchase request.
Requester_Email	VARCHAR2(100)	The e-mail address of the user who placed the purchase request.
Approved by	VARCHAR2(161)	Name of the user who approved the purchase request.

Field Name	Data Type	Description
Masked	VARCHAR2(4000)	Indicates if the bibliographic record should be masked: 0 - Do not mask 1 - Masked
Treatment	VARCHAR2(10)	Indicates the kind of treatment to be applied to the requested material once it is received (<i>Available in the LoC version only</i>): 0 – Binding 1 – Digitize 2 – Microfiche 3 – Microfilm
Special_Bill	VARCHAR2(4000)	Indicates whether a special bill is needed for this purchase request (<i>Available in the LoC version only</i>): 0-No 1-Yes
Shipping_Method	VARCHAR2(80)	The method by which this purchase request will be shipped. (<i>Available in the LoC version only</i>)
Language	CHAR(3)	Three-character MARC code that indicates the language of the requested material from tag 008 pos. 35-37 of the bib record. (<i>Available in the LoC version only</i>)
Publication_Year	NUMBER(4)	The year of publication of the requested material. (<i>Available in the LoC version only</i>)
Series	VARCHAR2(100)	The series associated with the requested material. (<i>Available in the LoC version only</i>)
Loc_Material_Type	CHAR(2)	The LoC-specific material type associated with the requested material. (<i>Available in the LoC version only</i>)

2.3.1.2.76 Purchase_Request_Status_v

Field Name	Data Type	Description
Description	VARCHAR2(250)	A description of the purchase request status.
Email_Allowed	VARCHAR2(4000)	Indicates if purchase request status can be emailed: 0 - Status cannot be e-mailed 1 - Status can be e-mailed
Institution	VARCHAR2(100)	The institution this status is for. "Global" if for no specific institution.
Is_Deleted	VARCHAR2(4000)	Indicates whether this status has been marked as deleted. 0 - Is NOT deleted 1 - Is deleted
Purchase_Request_Status_Code	NUMBER(1)	The number with which the Virtua client and server code identify this status.
Purchase_Request_Status_ID	NUMBER(9)	The system-assigned ID of the status.
Status	VARCHAR2(80)	The status description as specified in the Purchase Request Statuses parameter in the Virtua Profiler.

2.3.1.2.77 Reader_Suggestion_Status_v

Field Name	Data Type	Description
Institution	VARCHAR2(100)	The institution this status is for. "Global" if for no specific institution.
Is_Default	VARCHAR2(3)	Indicates if the status is the default status for an institution: <ul style="list-style-type: none"> • No • Yes
Is_Deleted	VARCHAR2(3)	Indicates whether this status has been marked as deleted. 0 - Is not deleted 1 - Is deleted.
Reader_Sugg_Status_ID	NUMBER(9)	The system-assigned ID of the status.
Status	VARCHAR2(80)	The status description as specified in the Reader Suggestion Statuses parameter in the Virtua Profiler.

2.3.2 Administrative Views

The Administrative views provide an easily accessible interface to tables used by system administrators.

For your reference when creating queries to extract data from the Administrative views, the following information is provided:

- A list and brief description of each view.
- A list and brief description of each field included in the views.

2.3.2.1 List of Administrative Views

The following Administrative views are available:

- [Users_v](#) - Lists information about each Virtua user profile.
- [User_Deny_Login_Location_v](#) - Lists Virtua users that cannot log in to a specific location.

2.3.2.2 Description of the Fields in the Administrative Views

This section lists and briefly describes the fields that appear in the Administrative views. For each view, there is a table with the following information about the fields in the view:

- **Field Name** - The name of the field in the view.
- **Data Type** - The type of data the field can store.
- **Description** - A brief description of the data contained in the field.

2.3.2.2.1 Users_v

Field Name	Data Type	Description
Operator_ID	NUMBER(9)	Unique, numeric ID of the user profile.
User_Name	VARCHAR2(80)	Log-in name of the user profile.
Full_Name	VARCHAR2(161)	Descriptive name of the user profile.
Description	VARCHAR2(80)	Description of the user profile.
Login_Location	VARCHAR2(500)	Location at which the user profile logs in to by default.
Last_Login_Time	DATE	Date and time of the last successful user log-in to the psdriver or other Z39.50 client.
Bad_Login_Attempts	NUMBER(2)	Number of unsuccessful user log-in attempts since the last successful log-in.
Primary_Group	VARCHAR2(200)	User group to which this user profile belongs.
Group_Access_Level	VARCHAR2(13)	Level of access this user profile has to the primary group. Values in this field will be one of the following: <ul style="list-style-type: none"> • None • Read • Change • Create/Delete • Unknown
Record_Modified_By	VARCHAR2(161)	Name of the last user to modify the record.
Record_Modified	DATE	Date the record was last modified.
Account_Locked_Out	NUMBER(1)	Whether the user account is locked. The value in this field will be 1 (locked) or 0 (not locked).
Expired_Password	VARCHAR2(1)	Whether the password for this user has expired. The value in this field will be either Y or N.
Patron_Name	VARCHAR2(601)	The user's patron name (from the patron record)

2.3.2.2.2 User_Deny_Login_Location_v

Field Name	Data Type	Description
Name	NUMBER(9)	Log-in name of the user.
Location	VARCHAR2(500)	Location at which the user cannot log in. This location will not appear for the user in the Choose Location dialog box.

2.3.2.2.3 Letter_Type_v

Field Name	Data Type	Description
Letter_Type	NUMBER	Number of the letter type (used in the Circulation Transaction Log): 28-45 55
Description	VARCHAR2(4000)	Description of the letter type. Values in this field will be one of the following: <ul style="list-style-type: none"> • Review • Overdue • Requested Overdue • Pre-billing Search List • Requested Pre-billing Search List • Bill • Requested Bill • Recall Bill • Request • Recall • Patron Account Statement Is Issued • Activate Request • Billed and Paid Delete • Check-in Denied by Location • Deactivate Request • Delete Billed Checkout • Delete Non-billed Checkout • Due Date Changed • Manual Bill

2.3.3 Cataloging Views

The Cataloging views provide an easily accessible interface to tables used in the Cataloging subsystem. This category of views includes bibliographic information about the records in your database.

For your reference when creating queries to extract data from the Cataloging views, the following information is provided:

- A list and brief description of each view.
- A list and brief description of each field included in the views.

2.3.3.1 List of Cataloging Views

The following views are available for the Cataloging subsystem. Along with the name of each view, there is a short description of the data that the view displays.

- [Authority_Control_Number_v](#) - A list of each control number in the 035 tag of each authority record.
- [Authority_Heading_Author_v](#) - A list of the authoritative author headings.
- [Authority_Heading_Subject_v](#) - A list of the authoritative subject headings.
- [Authority_Heading_Title_v](#) - A list of the authoritative title headings.
- [Authority_Heading_User_v](#) - A list of the headings indexed for the library-defined heading search (Z-search).
- [Authority_Note_Record_v](#) - General information about each authority record.
- [Authority_Record_State_v](#) - A list of all authority records with an assigned record state.
- [Bib_Author_v](#) - Author information from each bibliographic record.
- [Bib_Control_Number_v](#) - Control number information from each bibliographic record.
- [Bib_Fields_v](#) - Call number information for each bibliographic record.
- [Bib_ISBN_v](#) - ISBN information from each bibliographic record.
- [Bib_ISSN_v](#) - ISSN information from each bibliographic record.
- [Bib_LCCN_v](#) - LCCN information from each bibliographic record.
- [Bib_Leader_v](#) - Leader information from each bibliographic record.
- [Bib_Publication_Date_v](#) - Publication date information from each bibliographic record.
- [Bib_Record_State_v](#) - A list of all bibliographic records with an assigned record state.

- **Bib_Record_Type_v** - A list of all bibliographic records and their associated FRBR type. Non-FRBR records are listed as *Normal*.
- **Bib_Street_Date_v** - A list of all bibliographic records and their street dates and on order dates.
- **Bib_Subject_Thesaurus_v** - A list of subject thesauruses.
- **Bib_Subject_v** - Subject information from each bibliographic record.
- **Bib_Title_v** - Title information from each bibliographic record.
- **Bib_User_Defined_v** - The value from each bibliographic record in the field that is indexed for the Z-search category.
- **Collection_Code_v** - Information about all library-defined collection codes.
- **Deleted_Item_v** - A list of all deleted item records, along with the IDs of their associated bibliographic and holdings records.
- **ISO_Indexed_Call_Number_v** - All subfield information for indexed call numbers for each record.
- **Masked_Bibs_v** - A list of all masked bibliographic records.
- **Masked_Holdings_v** - A list of all masked holdings records and the IDs of their associated bibliographic records.
- **Masked_Items_v** - A list of all masked item records and the IDs of their associated bibliographic and holdings records, when applicable.
- **Provisional_Heading_Author_v** - A list of provisional author headings.
- **Provisional_Heading_Subject_v** - A list of provisional subject headings.
- **Provisional_Heading_Title_v** - A list of provisional title headings.
- **Provisional_Heading_User_v** - A list of provisional user headings.
- **Record_State_v** - A list of record states available in the system.

2.3.3.2 Description of the Fields in the Cataloging Views

This section lists and briefly describes the fields that appear in the Cataloging views. For each view, there is a table with the following information about the fields in the view:

- **Field Name** - The name of the field in the view.
- **Data Type** - The type of data the field can store.
- **Description** - A brief description of the data contained in the field.

2.3.3.2.1 Authority_Control_Number_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
Control_Number	VARCHAR2(100)	Control number associated with the authority record (from the 035 tag).

2.3.3.2.2 Authority_Heading_Author_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
Heading	VARCHAR2(2000)	Authoritative author heading.

2.3.3.2.3 Authority_Heading_Subject_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
Heading	VARCHAR2(2000)	Authoritative subject heading.

2.3.3.2.4 Authority_Heading_Title_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
Heading	VARCHAR2(2000)	Authoritative title heading.

2.3.3.2.5 Authority_Heading_User_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
Heading	VARCHAR2(2000)	Library-defined heading.

2.3.3.2.6 Authority_Note_Record_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
LCCN	CHAR(12)	From the 010 tag of the authority record, the LCCN number.
Bib_Level	VARCHAR2(4000)	Bibliographic level of the authority record. Values in this field will be one of the following: <ul style="list-style-type: none"> • Subject • Author • Series Title • Uniform Title • Author/Title Series • User Defined • Subdivision • Genre/Form • Unknown Bib Level
Creation_Date	DATE	Date on which the authority record was created.
Modify_Date	DATE	Date the authority record was last modified.
Source	VARCHAR2(10)	Cataloging source of the authority record.

2.3.3.2.7 Authority_Record_State_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
State	VARCHAR2(32)	State assigned to the authority record.
State_Assigned_By	VARCHAR2(161)	Name of the user who assigned the state.
State_Assigned	DATE	Date on which the state was assigned.
Bib_Level	VARCHAR2(4000)	<p>Bibliographic level of the authority record. Values in this field will be one of the following:</p> <ul style="list-style-type: none"> • Monographic component part • Serial component part • Collection • Subunit • Monograph/item • Serial • Subject • Author • Series Title • Uniform Title • Author/Title Series • User Defined • Subdivision • Genre/Form • Unknown Bib Level

2.3.3.2.8 Masked_Bibs_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	The Bibliographic ID of the record.
Masked	NUMBER(1)	Whether the bibliographic record is masked. The value in this field will be 1 (masked) or 0 (not masked).

2.3.3.2.9 Masked_Holdings_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	The Bibliographic ID of the parent bibliographic record.
Holdings_ID	NUMBER(9)	The Holdings ID of this record.
Masked	NUMBER(1)	Whether the holdings record is masked. The value in this field will be 1 (masked) or 0 (not masked).

2.3.3.2.10 Masked_Items_v

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Bib_ID	NUMBER(9)	The Bibliographic ID of the parent bibliographic record.
Holdings_ID	NUMBER(9)	The Holdings ID of the parent holding record, if applicable.
Masked	NUMBER(1)	Whether the item record is masked. The value in this field will be 1 (masked) or 0 (not masked).

2.3.3.2.11 Provisional_Heading_Author_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
BibLevel	CHAR(1)	Decoded value from position 07 of the Leader.
Heading	VARCHAR2(2000)	Provisional Author heading.

2.3.3.2.12 Provisional_Heading_Subject_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
BibLevel	CHAR(1)	Decoded value from position 07 of the Leader.
Heading	VARCHAR2(2000)	Provisional Subject Heading

2.3.3.2.13 Provisional_Heading_Title_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
BibLevel	CHAR(1)	Decoded value from position 07 of the Leader.
Heading	VARCHAR2(2000)	Provisional Title heading.

2.3.3.2.14 Provisional_Heading_User_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	Unique ID of the authority record (from the 001 tag).
BibLevel	CHAR(1)	Bib lvl (Leader position 7) of the authority record referenced by Auth_ID.
Heading	VARCHAR2(2000)	Provisional user heading.

2.3.3.2.15 Bib_Author_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
Author	VARCHAR2(2000)	Author information for this record.

2.3.3.2.16 Bib_Control_Number_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
Control_Number	VARCHAR2(100)	Control number information for this record.

2.3.3.2.17 Bib_Fields_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	System ID of the bibliographic record duplicated in tag 001.
Record_Created	DATE	Date on which the bibliographic record was created.
Record_Modified	DATE	Date on which the bibliographic record was last modified.
Call_Number	VARCHAR(60)	Call number of the record. Virtua uses call number priority rules set in the Virtua Profiler to determine which call number will be used.
Call_Number_Sort	VARCHAR(60)	Call number from the Call_Number column, displayed in sort form.
Bib-Level	VARCHAR2(30)	Bib lvl (Leader 07) of the bibliographic record: 'a','a - Monographic component part', 'b','s - Serial component part', 'c','c - Collection', 'd','d - Subunit', 'i','i - Integrating resource', 'm','m - Monograph/item', 's','s - Serial',
Country_Code	VARCHAR2(3)	Three-letter code as specified by the ISO 3166 Alpha Code Standard.
Date_Range	VARCHAR2(8)	Date range from the Date1 and Date2 values (MARC 21: 008/07-14).
Edition	VARCHAR2(100)	Edition statement from tag 250 subfield \$a of the bibliographic record.

Field Name	Data Type	Description
Form	VARCHAR2(1)	One-character code that indicates the format of the material (MARC 21: 008/23): '#', 'None of the following', 'a', 'Microfilm', 'b', 'Microfiche', 'c', 'Microopaque', 'd', 'Large print', 'f', 'Braille', 'r', 'Regular print reproduction', 's', 'Electronic', ' ', 'No attempt to code', 'Unknown'

Field Name	Data Type	Description
Frequency	CHAR(1)	One-character code that indicates the frequency of an item (MARC 21: 008/18): #, 'irregular', 'a', 'Annual', 'b', 'Bimonthly', 'c', 'Semiweekly', 'd', 'Daily', 'e', 'Biweekly', 'f', 'Semiannual', 'g', 'Biennial', 'h', 'Triennial', 'i', 'Three times a week', 'j', 'Three times a month', 'm', 'Monthly', 'q', 'Quarterly', 's', 'Semimonthly', 't', 'Three times a year', 'u', 'Unknown', 'w', 'Weekly', 'z', 'Other', ' ', 'No attempt to code', 'Unkown'
Place_Of_Publication	VARCHAR2(100)	Place of publication from tag 260 subfield \$a of the bibliographic record.
Publisher	VARCHAR2(100)	Name of publisher from tag 260 subfield \$b of the bibliographic record.
Sort_ISSN	VARCHAR2(10)	ISSN number to be used for sorting by ISSN for this bibliographic record.
Language	CHAR(3)	Three-character MARC code that indicates the language of the item from the 008/35-37.

Field Name	Data Type	Description
Center_Code	VARCHAR2(50)	Center code associated with the record from tag 022 subfield \$2.
Medium	VARCHAR2(2)	Medium associated with the record from the 007/0-1.
Status	VARCHAR2(50)	The status of the bibliographic record from Leader 05: 'a','a - Increase in encoding level', 'c','c - Corrected or revised', 'd','d - Deleted', 'n','n - New', 'p','p - Increase in encoding level from prepublication'
Type_Date_Publication_Status	VARCHAR2(111)	A one-character code from the 008/06 that categorizes the type of dates given in the 008/07-10 (Date 1) and 008/11-14 (Date 2). For continuing resources, the code in the 008/06 also indicates the publication status. 'b','b - No dates given; B.C. date involved', 'c','c - Continuing resource item currently published', 'd','d - Continuing resource item ceased publication', 'e','e - Detailed date', 'i','i - Inclusive dates of collection', 'k','k - Range of years of bulk of collection', 'm','m - Multiple dates', 'n','n - Dates unknown', 'p','p - Date of distribution/release/issue and production/recording session when different', 'q','q - Questionable date', 'r','r - Reprint/reissue date and original date', 's','s - Single known date/probable date', 't','t - Publication date and copyright date', 'u','u - Continuing resource status unknown', ' ',' - No attempt to code'

Field Name	Data Type	Description
Resource_Type	CHAR(1)	A one-character code that indicates the type of continuing resource from the 008/21: #, 'Undefined', 'm', 'Monographic series', 'n', 'Newspaper', 'p', 'Periodical', ' ', 'No attempt to code', 'Unknown'
Origin	CHAR(1)	A one-character field within the 999 VIRTUA tag, which indicates the input source of the associated record.
Category_Change_Date	DATE	Date the category was last changed. Duplicated in field 039 \$v
Record_Type	VARCHAR2(56)	The record type of the bibliographic record: 'a', 'Language material', 'c', 'Notated music', 'd', 'Manuscript notated music', 'e', 'Cartographic material', 'f', 'Manuscript cartographic material', 'g', 'Projected medium', 'i', 'Nonmusical sound recording', 'j', 'Musical sound recording', 'k', 'Two-dimensional nonprojectable graphic', 'm', 'Computer file', 'o', 'Kit', 'p', 'Mixed material', 'r', 'Three-dimensional artifact or naturally occurring object', 't', 'Manuscript language material'

Field Name	Data Type	Description
Visual_Material_Type	VARCHAR2(1)	<p>A one-character code that indicates the visual material type from the 008/33 (only defined for visual material record types, i.e., Record-Type = g, k, o, or r).</p> <p>'a', 'Art original', 'b', 'Kit', 'c', 'Art reproduction', 'd', 'Diorama', 'f', 'Filmstrip', 'g', 'Game', 'i', 'Picture', 'k', 'Graphic', 'l', 'Technical drawing', 'm', 'Motion picture', 'n', 'Chart', 'o', 'Flash card', 'p', 'Microscope slide', 'q', 'Model', 'r', 'Realia', 's', 'Slide', 't', 'Transparency', 'v', 'Videorecording', 'w', 'Toy', 'z', 'Other', ' ', 'No attempt to code', 'Unknown'</p>
Transaction_Code	CHAR(1)	From Geac Leader/22 and put in Virtua 097 subfield \$.

Field Name	Data Type	Description
Encoding_Level	CHAR(1)	Encoding level of the bibliographic record from the 008/17. '#', 'Full', '1', 'Full, material not examined', '2', 'Less-than-full', '3', 'Abbreviated level', '4', 'Core', '5', 'Partial', '7', 'Minimal', '8', 'Prepublication', 'u', 'Unknown', 'z', 'Not applicable', 'Unknown'
Hierarchical_Level	VARCHAR2(100)	Hierarchical level for this record.
Order_Date	DATE	Identifies order date. Data comes from tag 369 subfield \$b.
Street_Date	DATE	The date before which an item should not be allowed to circulate. Data comes from tag 369 subfield \$a.
Publication_Date	VARCHAR2(100)	Publication date of the record. Data comes from tag 260 subfield \$c.
Binding_Note	VARCHAR2(100)	Binding note from tag 563 subfield \$a.
Publication_Frequency	VARCHAR2(100)	The publication frequency from tag 310 subfield \$a of the bib record.

Field Name	Data Type	Description
Government_Publication		<p>The government publication flag from the 008/28 of the bib record:</p> <p>#, 'Not a government publication', 'a', 'Autonomous or semi-autonomous component', 'c', 'Multilocal', 'f', 'Federal/national', 'i', 'International intergovernmental', 'l', 'Local', 'm', 'Multistate', 'o', 'level undetermined', 's', 'State/provincial', 'u', 'Unknown', 'z', 'Other', ' ', 'No attempt to code', 'Unknown'</p>

2.3.3.2.18 Bib_ISBN_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
ISBN	VARCHAR2(13)	ISBN information for this record.

2.3.3.2.19 Bib_ISSN_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
ISSN	VARCHAR2(10)	ISSN information for this record.

2.3.3.2.20 Bib_LCCN_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
Year	NUMBER	Year portion of the LCCN. Note: If the year returned is a two-digit year (meaning before the year 2000), 1900 is added to the value to produce a four-digit year.
Prefix	CHAR(3)	Alphabetic prefix of the LCCN.
Serial_Number	NUMBER(6)	LCCN serial number for the record.

2.3.3.2.21 Bib_Leader_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
Record_Length	VARCHAR2(15)	Positions 00-04 of the Leader.
Record_Status	VARCHAR2(4000)	Decoded value from position 05 of the Leader. Values in this field will be as follows: <ul style="list-style-type: none"> • a - Increase in encoding level • c - Corrected or revised • d - Deleted • n - New • p - Increase in encoding level from prepublication • ' ' - Unknown

Field Name	Data Type	Description
Type_Of_Record	VARCHAR2(4000)	<p>Decoded value from position 06 of the Leader. Values in this field will be as follows:</p> <ul style="list-style-type: none"> • a - Language material • c - Printed music • d - Manuscript music • e - Cartographic material • f - Manuscript cartographic material • g - Projected medium • i - Nonmusical sound recording • j - Musical sound recording • k - Two-dimensional nonprojectable graphic • m - Computer file • o - Kit • p - Mixed material • r - Three-dimensional artifact or naturally occurring object • t - Manuscript language material • ' ' - Unknown

Field Name	Data Type	Description
Bibliographic_Level	VARCHAR2(4000)	<p>Decoded value from position 07 of the Leader. Values in this field will be as follows:</p> <ul style="list-style-type: none"> • a - Monographic component part • b - Serial component part • c - Collection • d - Subunit • m - Monograph/item • s - Serial <p>Authority Bib-lvls start here</p> <ul style="list-style-type: none"> • y - Subject • x - Author • t - Series Title • u - Uniform Title • g - Author/Title Series • z - User Defined • d - Subdivision • w - Genre/Form • NULL - Unknown Bib Level
Type_Of_Control	VARCHAR2(4000)	<p>Decoded value from position 08 of the Leader. Values in this field will be as follows:</p> <ul style="list-style-type: none"> • ' ' - No Specific Type of Control • a - Archival • Unknown

Field Name	Data Type	Description
Character_Coding	VARCHAR2(4000)	Decoded value from position 09 of the Leader. Values in this field will be as follows: <ul style="list-style-type: none"> • ' - MARC-8 • a - UCS/Unicode • Unknown
Indicator_Count	VARCHAR2(3)	Position 10 of the Leader.
Subfield_Code_Count	VARCHAR2(3)	Position 11 of the Leader.
Base_Address	VARCHAR2(15)	Positions 12-16 of the Leader.
Encoding_Level	VARCHAR2(4000)	Decoded value from position 17 of the Leader. Values in this field will be as follows: <ul style="list-style-type: none"> • ' - Full level • 1 - Full level, material not examined • 2 - Less-than-full level, material not examined • 3 - Abbreviated level • 4 - Core level • 5 - Partial (preliminary) level • 7 - Minimal level • 8 - Prepublication level • u - Unknown • z - Not applicable • Unidentified

Field Name	Data Type	Description
Descriptive_Cat_Form	VARCHAR2(4000)	Decoded value from position 18 of the Leader. Values in this field will be as follows: <ul style="list-style-type: none"> • ' - Non-ISBD • a - AACR 2 • i - ISBD • u - Unknown • Unidentified
Linked_Rec_Required	VARCHAR2(4000)	Decoded value from position 19 of the Leader. Values in this field will be as follows: <ul style="list-style-type: none"> • ' - Related record not required • r - Related record required • Unknown
Entry_Map	VARCHAR2(12)	Positions 20-23 of the Leader.

2.3.3.2.22 Bib_Publication_Date_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
Publication_Date	NUMBER(4)	Publication date information for this record.

2.3.3.2.23 Bib_Record_State_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
State	VARCHAR2(32)	State assigned to the bibliographic record.
State_Assigned_By	VARCHAR2(161)	Name of the user who assigned the state.
State_Assigned	DATE	Date on which the state was assigned.
Bib_Level	VARCHAR2(4000)	Bibliographic level of the record. Values in this field will be one of the following: <ul style="list-style-type: none"> • Monographic component part • Serial component part • Collection • Subunit • Monograph/item • Serial • Subject • Author • Series Title • Uniform Title • Author/Title Series • User Defined • Subdivision • Genre/Form • Unknown Bib Level

Field Name	Data Type	Description
Record_Type	VARCHAR2(4000)	<p>Type of the record. Values in this field will be one of the following:</p> <ul style="list-style-type: none"> • Language material • Printed music • Manuscript music • Cartographic material • Manuscript cartographic material • Projected medium • Nonmusical sound recording • Musical sound recording • Two-dimensional nonprojectable graphic • Computer file • Kit • Mixed material • Three-dimensional artifact or naturally occurring object • Manuscript language material • Unknown

2.3.3.2.24 Bib_Record_Type_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
Type	VARCHAR2(4000)	The FRBR type of the record. Values in this field will be one of the following: <ul style="list-style-type: none"> • Normal • Manifestation • Expression • Work • Unknown

2.3.3.2.25 Bib_Street_Date_v

Field Name	Data Type	Description
Title	VARCHAR2(2000)	Title information for this record.
Author	VARCHAR2(2000)	Author information for this record.
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
On_Order_Date	DATE	Date on which this item was ordered (369 tag subfield \$b).
Street_Date	DATE	Date on which this item will be released to the public (369 tag subfield \$a).
Call_Number	VARCHAR2(60)	Call number of the item.

2.3.3.2.26 Bib_Subject_Thesaurus_v

Field Name	Data Type	Description
Thesaurus_ID	NUMBER(9)	Unique, numeric ID of the subject heading.
Indicator_Value	CHAR(1)	Second indicator value of the subject tag.
Fixed_Field_Value	CHAR(1)	Value of position 11 of the 008 tag in the authority record for this subject.
Name	VARCHAR2(100)	Name of the subject of the thesaurus.
Description	VARCHAR2(100)	User-defined description of the heading type.
Use_Attribute	NUMBER(9)	Use attribute corresponding to a keyword or browse search.

2.3.3.2.27 Bib_Subject_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
Record_Type	VARCHAR2(4000)	Bibliographic type of this record. Values in this field will be one of the following: <ul style="list-style-type: none"> • Language material • Printed music • Manuscript music • Cartographic material • Manuscript cartographic material • Projected medium • Nonmusical sound recording • Musical sound recording • Two-dimensional nonprojectable graphic • Computer file • Kit • Mixed material • Three-dimensional artifact or naturally occurring object • Manuscript language material • Unknown
Subject	VARCHAR2(2000)	Subject information for this record.

2.3.3.2.28 Bib_Title_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
Title	VARCHAR2(2000)	Title information for this record.
Journal	VARCHAR2(4000)	Indicates whether the title is a journal title. Values in this field will be one of the following: <ul style="list-style-type: none">• No• Yes• Unknown

2.3.3.2.29 Bib_User_Defined_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record.
Record_Type	VARCHAR2(4000)	<p>Bibliographic type of this record. Values in this field will be one of the following:</p> <ul style="list-style-type: none"> • Language material • Printed music • Manuscript music • Cartographic material • Manuscript cartographic material • Projected medium • Nonmusical sound recording • Musical sound recording • Two-dimensional nonprojectable graphic • Computer file • Kit • Mixed material • Three-dimensional artifact or naturally occurring object • Manuscript language material • Unknown
User_Defined	VARCHAR2(2000)	Value of the user defined information for this record. The tag indexed for the user defined search is determined by the Tags Indexed for Z-search parameter in the Virtua Profiler.

2.3.3.2.30 ISO_Indexed_Call_Number_v

Field Name	Data Type	Description
Record_ID	NUMBER(9)	001 tag of the record.
Tag	CHAR(3)	Number of the tag used in this record.
Subfield	VARCHAR2(1)	Subfield of the tag in the Tag column of this record.
Value	VARCHAR2(2000)	Value of the tag/subfield combination.

2.3.3.2.31 Record_State_v

Field Name	Data Type	Description
State_ID	NUMBER(9)	Unique, numeric identifier for the state.
Name	VARCHAR2(32)	Descriptive name of the state.
System_State	VARCHAR2(4000)	Indicates whether the state is a system-defined state. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

2.3.3.2.32 Deleted_Item_v / LoC_Deleted_Item_v

Field Name	Data Type	Description
Accession_Number	VARCHAR2(35)	Accession number of the item.
Addinfo	VARCHAR2(5)	Circulation permission fields.
Alt_Chronology_1	VARCHAR2(64)	1st alternate chronology, if units_type = 1.
Alt_Enumeration_1	VARCHAR2(64)	1st alternate enumeration, if units_type = 1.
Alt_Enumeration_2	VARCHAR2(64)	2nd alternate enumeration, if units_type = 1.
Author	VARCHAR2(2000)	Author of the item.
Barcode	VARCHAR2(50)	Barcode number of the item.
Barcodedate	DATE	Date barcode was added or modified.
Barcode_Type	VARCHAR2(15)	Type of barcode used: <ul style="list-style-type: none"> • Regular Barcode • RFID • Both
Bibid	NUMBER(9,0)	ID of the parent bibliographic record.
Call_Number	VARCHAR2(60)	First item-specific call number.
Checkin_Note	VARCHAR2(2000)	Alert note displayed at checkin.
Checkout_Note	VARCHAR2(2000)	Alert note displayed at checkout.
Chronology_1	VARCHAR2(64)	Level 1 of chronology, if units_type = 1.
Chronology_2	VARCHAR2(64)	Level 2 of chronology, if units_type = 1.
Chronology_3	VARCHAR2(64)	Level 3 of chronology, if units_type = 1.
Chronology_4	VARCHAR2(64)	Level 4 of chronology, if units_type = 1.

Field Name	Data Type	Description
Circulate_Pieces	VARCHAR2(38)	Indicates whether the item circulates with multiple pieces/parts: 0 =No, do not track pieces during circulation 1 = Yes, track multiple pieces
Circ_Count	NUMBER(9,0)	Normal circulation count.
Circ_Days	NUMBER(5,0)	Loan period (if overridden locally).
Collection_Code	VARCHAR2(20)	Collection code of the item.
Copy_No	NUMBER(5,0)	Copy number.
Creationdate	DATE	Record creation date.
Date_Status_Changed_To_Al	DATE	Date when the item status is changed to AL(Awaiting Lamination).
Date_Status_Changed_To_B	DATE	Date when the item status is changed to B (Bindery)
Date_Status_Changed_To_Ip	DATE	Date when the item status is changed to IP (In Preparation).
Date_Status_Changed_To_Rtb	DATE	Date when the item status is changed to RTB (Return to Binder).
Date_Status_Changed_To_Ttl	DATE	Date when the item status is changed to TTL (Transit from TPU)
Due_Date	DATE	The due date of the item when it was checked-out, before the item was deleted.
Enumeration_1	VARCHAR2(64)	Level 1 of enumeration, if units_type = 1.
Enumeration_2	VARCHAR2(64)	Level 2 of enumeration, if units_type = 1.
Enumeration_3	VARCHAR2(64)	Level 3 of enumeration, if units_type = 1.
Enumeration_4	VARCHAR2(64)	Level 4 of enumeration, if units_type = 1.
Enumeration_5	VARCHAR2(64)	Level 5 of enumeration, if units_type = 1.
Enumeration_6	VARCHAR2(64)	Level 6 of enumeration, if units_type = 1.
Epn	VARCHAR2(24)	The EPN number.
First_Used_Date	DATE	Date the barcode was first used.

Field Name	Data Type	Description
Floats	VARCHAR2(4000)	Indicates whether the item is part of a floating collection: <ul style="list-style-type: none"> • No, does not float • Yes, floats
Holdings_ID	NUMBER(9,0)	ID of parent holdings record.
Inhousecount	NUMBER(5,0)	In-house circulation count.
Invoice_Number	VARCHAR2(35)	Number of the invoice associated with the item.
Issued_To_Reader_Count	NUMBER(9,0)	Number of times this item has been issued to a reader.
Itemclass	VARCHAR2(500)	Item class.
Itemid	NUMBER(9,0)	The system-assigned ID of the item.
Itemprice	NUMBER(9,0)	Price of item (in local currency units).
Lamination	VARCHAR2(22)	Type of lamination used on this item: 0 - None (<i>Default</i>) 1 - Paperboard 2 - Protective Plastic 3 - Other
Lastinventorydate	DATE	Date of last inventory report.
Lastusedate	DATE	Record last modification date.
Last_Transaction_Date	DATE	Last check-in or renewal date.
Last_Used_Date	DATE	Date the barcode was last used.
Linking_Number	NUMBER(9,0)	Linking number of the 853 tag pattern that the enumeration and chronology units are associated with.
Location	VARCHAR2(500)	Name of the owning location of the item.
Masked	VARCHAR2(3)	Whether or not the item is masked: 0 = No - item is not masked 1 = Yes - item is masked

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Field Name	Data Type	Description
Modified_Date	DATE	Date the item was last modified.
Non_Param_Shelf_Location	VARCHAR2(500)	Non-parameterized shelf location name.
Noofpieces	NUMBER(9,0)	Number of pieces associated with the item.
Other_Accession_Number	VARCHAR2(35)	AV accession number for the item.
Pac_Code	VARCHAR2(80)	Preservation and Conservation code name (PAC) for the item.
Patron_Barcode/Participant_Barcode	VARCHAR2(50)	Barcode of patron/LoC participant who had the item checked out when the item was deleted.
Patron_Name/Participant_Name	VARCHAR2(900)	Name of patron/LoC participant who had checked-out the item, when the item was deleted.
Place_Of_Publication	VARCHAR2(100)	Place of publication of the item.
Primary_Group_Item	NUMBER (9)	Whether the item is part of a primary group.
Public_Note	VARCHAR2(2000)	Note displayable to the public.
Publisher	VARCHAR2(100)	Publisher of the item
Purchase_Price	NUMBER(25,10)	The price that was paid when the item was originally purchased. Only populated when the item is not linked to an invoice.
Purchase_Price_Currency	VARCHAR2(3)	The currency of the purchase_price.
Reason	VARCHAR2(150)	The reason the item was deleted. <i>(Available in the LoC version only)</i>
Receipt_Date	DATE	The date the item was received.
Reservecount	NUMBER(5,0)	Reserve circulation count.
Reserve_Item_Class	VARCHAR2(500)	Reserve item class.
Saved_List_Name	VARCHAR2(255)	Name of the Saved List associated with this item.
Secondary_Consultation_Count	NUMBER(9,0)	Number of times this item has been consulted by a non-requesting patron.
Second_Call_Number	VARCHAR2(60)	Second item-specific call number.

Field Name	Data Type	Description
Sequence_Number	NUMBER(9,0)	Sequence number of the 863 tag that the enumeration and chronology units are associated with.
Shelf_Location	VARCHAR2(500)	Name of the location where the item is shelved.
Shelf_Location_Date	DATE	On shelf until date.
Source	VARCHAR2(235)	Original source of the item.
Stack_Request_Count	NUMBER(9,0)	Number of stack requests placed on this item.
Stack_Reservation_Count	NUMBER(9,0)	Number of stack reservations placed on this item.
Staff_Note	VARCHAR2(2000)	Note displayable to staff only.
Status	VARCHAR2(4000)	Status of the item.
Supplier	VARCHAR2(726)	Vendor associated with the item.
Tempcircinitdate	DATE	Last TempCircCount reset date.
Tempinhousecount	NUMBER(5,0)	Reset-able in-house circulation count.
Tempinhouseinitdate	DATE	Last TempInHouseCount reset date.
Temporary	VARCHAR2(13)	Boolean value indicating whether or not this is a temporary item with respect to ASR: 0 - Not temporary (<i>Default</i>) 1 - Temporary
Tempreservecount	NUMBER(5,0)	Reset-able reserve count.
Tempreserveinitdate	DATE	Last TempReserveCount reset date.
Temp_Circ_Count	NUMBER(5,0)	Last Temp Circ count
Timestamp	DATE	The time/date when the item was deleted.
Title	VARCHAR2(2000)	Title of the item.
Units	VARCHAR2(64)	Item's free-text units.
Units_Arbitrary_Order	NUMBER(9,0)	The sorting of item by units field.

Field Name	Data Type	Description
Units_Sort_Form	VARCHAR2(64)	Sort form of free-text units.
Units_Type	VARCHAR2(26)	The type of units that are attached to the item: 0 = None 1 = Enumeration and Chronology 2 = Free Text
Url	VARCHAR2(2000)	Universal Resource Locator (web address).
User_Name	VARCHAR2(80)	Username of the authorized staff that deleted the item.
Withdrawal_Authority	VARCHAR2(187)	The file reference number that indicates the approval of withdrawal/deletion of the item.
Withdrawal_Date	DATE	The date of withdrawal from the list.
Withdrawal_Location	VARCHAR2(500)	Withdrawal location.
Withdrawal_Machine_Name	VARCHAR2(256)	Machine where withdrawal was performed.
Withdrawal_Type	VARCHAR2(255)	The reason for the withdrawal list. Current options are: Unserviceable LongOverdue LostPaid Missing
Withdrawal_User_Name	VARCHAR2(80)	Username of the user who performed the withdrawal.
Year_Of_Publication	VARCHAR2(100)	Year of publication of the item.

2.3.3.2.33 Collection_Code_v

Field Name	Data Type	Description
Call_Number_Type	VARCHAR2(18)	Indicates the call number type of items associated with this collection code: 0 - No call number 1 - DDC 2 - LKC 3 - BCM 4 - LCM
Collection_Code	VARCHAR2(20)	The collection code as defined in the Virtua Profiler
Collection_Code_ID	NUMBER(9)	Internal ID of the collection code.
Description	VARCHAR2(500)	Description of the collection code.
Max_Call_Number	VARCHAR2(60)	Maximum call number associated with this collection code.
Min_Call_Number	VARCHAR2(60)	Minimum call number associated with this collection code.
Prefix	VARCHAR2(10)	Prefix of the collection code.
Cannot_Delete_Item	VARCHAR2(18)	Indicates if the item belonging to this collection code can be deleted or not: 0 - Cannot be deleted (<i>Default</i>) 1 - Can be deleted

2.3.4 Circulation Views

The Circulation views provide an easily accessible interface to tables used in the Circulation subsystem.

For your reference when creating queries to extract data from the Circulation views, the following information is provided:

- A list and brief description of each view.
- A list and brief description of each field included in the views.

2.3.4.1 List of Circulation Views

The following views are available for the Circulation subsystem. Along with the name of each view, there is a short description of the data that the view displays.

- [Alert_Block_v](#) - Data displayed in the Alerts & Blocks window in the Profiler.
- [Block_Code_v](#) - Block codes defined for the system.
- [Circ_Checkin_Log_v](#) - Record of all check-ins.
- [Circ_Checkout_Log_v](#) - Record of all check-outs.
- [Circ_Dispute_Log_v](#) - Record of all dispute-related activity for checked out items. Each dispute, waive, and reinstatement creates a new row.
- [Circ_Letters_Log_v](#) - Record of the notices sent for all transactions. Each row in this view represents a single transaction and a single notice. This means that each transaction and notice can have multiple rows in this view.
- [Circ_Renewal_Log_v](#) - Record of all renewals.
- [Circ_Request_Log_v](#) - Record of all request activity.
- [Circ_Request_v](#) - Information about all current requests.
- [Closed_Date_v](#) - A list of the dates the library closes.
- [District_Code_v](#) - A list of HKPL patron districts.
- [Fine_Code_v](#) - Fine codes defined for the system.
- [Interlibrary_Loan_v](#) - Information about the library's ILL activity as supported by the third-party product Relais.
- [Interlibrary_Loan_Patron_v](#) - Information about patrons involved in ILL activity.
- [ISO_Patron_v](#) - Subfield information from every patron record. Each row includes information from a single subfield. This view excludes the following tags (note that for each tag we list the view in which this information is listed):
 - ◆ 007 & 043 (alert and block information) - [Patron_Block_v](#)
 - ◆ 015 (patron barcode) - [Patron_Barcode_v](#)

- ◆ 030 & 245 (patron type information) - [Patron_v](#)
- ◆ 032 (circulation count) - [Patron_v](#)
- ◆ 042 (beginning, expiration, last activity, and delete dates) - [Patron_v](#)
- [Item_Class_v](#) - Information about all defined item classes.
- [Item_Detail_v](#) - Detailed information about each item in the database.
- [Item_Price_Paid_v](#) – Lists the total price for each item, along with each item's Collection Code and Collection Group. **Note:** The user will be able to run a query against this view to obtain the average price for a specific Collection Code or Collection Group.
- [Item_Public_Note_v](#) - Notes that appear in the Public Note field of the Item Information window.
- [Item_Staff_Note_v](#) - Notes that appear in the Staff Note field of the Item Information window.
- [Item_Status_v](#) - Information about items at any status other than Checked Out or Available.
- [Item_Status_Description_v](#) - A list of all item status descriptions.
- [Item_Status_Duration_v](#) - Information on the number of hours an item has spent at each status that has been assigned to it.
- [Average_Item_Status_Duration_v](#) - Information on the *average* number of hours an item has spent at each status that has been assigned to it.
- [Average_Status_Duration_v](#) – For all item statuses in the system, information on the *average* number of hours an item spends assigned to a status before the status is removed.
- [Items_Checked_Out_v](#) - Information about items with a status of Checked Out.
- [Letter_Type_v](#) - Lists the Virtua letter types by number and provides a description of each type.
- [Library_Defined_Date_v](#) - The beginning and end of circulation periods.
- [Library_Hours_v](#) - The daily operating hours of each location.
- [Location_Item_v](#) - Parameters on the Location + Item matrix.
- [Location_Patron_v](#) - Parameters on the Location + Patron matrix.
- [Location_Patron_Item_v](#) - Parameters on the Location + Patron + Item matrix.
- [Location_Patron_Item_Limit_v](#) - Check-out limits for the Location + Patron + Item matrix. **Tip:** You determine the matrix you use for check-out limits in the Check-out Limits Matrix Type parameter.
- [Location_Patron_Limit_v](#) - Check-out limits for the Location + Patron matrix. **Tip:** You determine the matrix you use for check-out limits in the Check-out Limits Matrix Type parameter.
- [Location_Values_v](#) - Location specific parameters.
- [Location_v](#) - Lists the codes and names of every location.
- [Patron_v](#) - Information about each patron record except any record with a disabled reason in subfield \$x of tag 015.

- [Patron_Account_v](#) - All (cumulative) account information for all patrons. Each row contains information about one fine.
- [Patron_Audit_Trail_v](#) - All circulation-related financial transactions recorded by Virtua.
- [Patron_Audit_Trail_Tran_Type_v](#) - A record of transaction type IDs and corresponding descriptions for financial transactions recorded by Virtua.
- [Patron_Barcode_v](#) - A list of the alternate patron barcodes associated with your patrons.
- [Patron_Barcode_Status_Chngv_v](#) - A record of all changes to the status of the patron barcode.
- [Patron_Block_v](#) - A list of all current patron blocks.
- [Patron_Failed_Notice_v](#) - Information about the e-mailed notices that were sent to patrons but failed to be delivered.
- [Patron_History_v](#) - A record of all check-out and check-in transactions for all patrons records that are flagged to record transaction history.
- [Patron_Item_Limit_v](#) - Check-out limits for the Patron + Item matrix. **Tip:** You determine the matrix you use for check-out limits in the Check-out Limits Matrix Type parameter.
- [Patron_Limit_v](#) - Check-out limits for the Patron matrix. **Tip:** You determine the matrix you use for check-out limits in the Check-out Limits Matrix Type parameter.
- [Patron_Note_v](#) - Patron notes and associated data.
- [Patron_Old_Barcode_v](#) - A list of the disabled patron barcodes.
- [Patron_Record_State_v](#) - A list of all patrons with an assigned record state.
- [Patron_Record_Added_v](#) - List of all patron IDs and the date the records were added.
- [Patron_Record_Update_v](#) - List of all patrons and the date/user associated with the last update.
- [Patron_Record_Last_Modified_v](#) - List of all patron IDs and the date each record was last modified.
- [Patron_Type_v](#) - List of and parameters for all patron types.
- [Request_Group_Link_v](#) - A list of locations belonging to a request group.
- [Request_Group_v](#) - Information about each request group.
- [Reserve_Item_v](#) - All current, scheduled, and archived reserve items.
- [Reserve_List_v](#) - All reserve lists.

2.3.4.2 Description of the Fields in the Circulation Views

This section lists and briefly describes the fields that appear in the Circulation views. For each view, there is a table with the following information about the fields in the view:

- **Field Name** - The name of the field in the view.
- **Data Type** - The type of data the field can store.
- **Description** - A brief description of the data contained in the field.

2.3.4.2.1 Alert_Block_v

Field Name	Data Type	Description
Patron_Type	VARCHAR2(500)	Patron type to which this alert/block applies.
Transaction	VARCHAR2(8)	Type of transaction that triggers this alert/block. Values in this field will be one of the following: <ul style="list-style-type: none"> • Check-out • Renew • Hold • Recall • Loan • Page
Delinquency	VARCHAR2(33)	Cause of the alert/block. Values in this field will be one of the following: <ul style="list-style-type: none"> • Number of Overdue Items • Number of Requested Overdue Items • Number of Billed Items • Number of Overdue Reserve Items • Amount of Fines Owed • Number of Days Overdue • Number of Days Since Fee Was Assessed
Alert_Amount	NUMBER	Amount required to trigger an alert.
Block_Amount	NUMBER	Amount required to trigger a block.
Record_Modified_Date	DATE	Date the record was last modified.
Record_Modified_By	VARCHAR2(80)	Name of the last user to modify the record.

2.3.4.2.2 Block_Code_v

Field Name	Data Type	Description
Block_Code_ID	CHAR(2)	ID of the block.
Description	VARCHAR2(80)	Description of the block.
Record_Modified_By	VARCHAR2(80)	Name of the last user to save the Block Code Definitions parameter.
Record_Modified_Date	DATE	Date the record was last modified.

2.3.4.2.3 Circ_Checkin_Log_v

Field Name	Data Type	Description
Transaction_Type	VARCHAR2(13)	Type of check-in. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular • Selected Date • Denied At Location • Improper
Reserve_Item	VARCHAR2(4000)	Indicates whether the item is a reserve item. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Checkin_Date	DATE	Date of the check-in transaction.
Checkin_Location	VARCHAR2(500)	Log-in location of the user who checked in the item.
User_Name	VARCHAR2(161)	Username of the user who checked in the item.

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	Bibliographic ID of the record to which the item is attached.
Item_ID	NUMBER(9)	System-assigned ID of the item.
Item_Barcode	VARCHAR2(50)	Barcode of the item.
Patron	VARCHAR2(100)	Name of the patron to whom the item was checked out.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Patron_Barcode	VARCHAR2(50)	Barcode of the patron to whom the item was checked out.
Patron_Type	VARCHAR2(500)	Patron type of the patron to whom the item was checked out.
Call_Number	VARCHAR2(100)	Call number of the item.
Due_Date	DATE	Date the item was due.
Out_Date	DATE	Date the item was checked out.
Backdated_Checkin	DATE	If this is a backdated check-in, the date recorded as the check-in date.
Owning_Location	VARCHAR2(500)	Owning location of the item.
Shelf_Location	VARCHAR2(500)	Shelving location of the item.
Item_Class	VARCHAR2(500)	Item class of the item.
Fines_Assessed	NUMBER	Overdue fines associated with this transaction.
Fine_Amnesty	VARCHAR2(20)	Determines whether fines are assessed for overdue items. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Hostname	VARCHAR2(256)	Name of the machine where the transaction took place.
Previous_Due_Date	DATE	Due date assigned to the previous renewal.

Field Name	Data Type	Description
Channel	VARCHAR2(10)	The patron's log-in mode. Values in this field will be one of the following: <ul style="list-style-type: none"> • Internet • Telephone • OPAC • Self-Check • Counter • Bookdrop
Circ_Transaction_ID	NUMBER(9,0)	System-assigned ID of the transaction
Transaction_Reference_Number	NUMBER(9,0)	Tracking number assigned to check-outs, check-ins, renewals, requests, and fine payments.
Transaction_Denied	VARCHAR2(22)	Indicates whether the transaction was denied. Values in this field will be one of the following: <ul style="list-style-type: none"> • Transaction Not Denied • Transaction Denied
New_Status	VARCHAR2(80)	The new status assigned to the item at the time it is checked in.

2.3.4.2.4 Circ_Checkout_Log_v

Field Name	Data Type	Description
Transaction_Type	VARCHAR2(17)	Type of check-out. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular • In-house • Fixed Date • Selected Date
Reserve_Item	VARCHAR2(4000)	Indicates whether the item checked-out was on reserve. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Checkout_Date	DATE	Date of the transaction.
Checkout_Location	VARCHAR2(500)	Location from which the item was checked out.
User_Name	VARCHAR2(161)	Name of the user processing the check-out.
Bib_ID	NUMBER(9)	Bibliographic ID of the checked out item.
Item_ID	NUMBER(9)	System-assigned ID of the checked out item.
Item_Barcode	VARCHAR2(50)	Barcode of the checked out item.
Patron	VARCHAR2(100)	Name of the patron who checked out the item.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Patron_Barcode	VARCHAR2(50)	Barcode of the patron who checked out the item.
Patron_Type	VARCHAR2(500)	Patron type definition of the patron who checked out the item.
Call_Number	VARCHAR2(100)	Call number of the checked out item.

Field Name	Data Type	Description
Due_Date	DATE	The <i>original</i> due date of the checked out item. If the item is renewed or recalled, this date will NOT be updated to reflect the new due date. The current due date for all checked out items is stored in the Due_Date field of the Items_Checked_Out_v view.
Owning_Location	VARCHAR2(500)	Owning location of the item.
Shelf_Location	VARCHAR2(500)	Shelving location of the item.
Item_Class	VARCHAR2(500)	Item class of the item.
Fine_Amount	NUMBER	<i>Not yet used.</i>
Hostname	VARCHAR2(256)	Name of the machine where the transaction took place.
Previous_Due_Date	DATE	Due date assigned to the previous renewal.
Channel	VARCHAR2(10)	The patron's log-in mode. Values in this field will be one of the following: <ul style="list-style-type: none"> • Internet • Telephone • OPAC • Self-Check • Counter • Bookdrop
Nature_Of_Override	VARCHAR2(4000)	The diagnostic message and block code definition (if applicable) that triggered the override. Note that if there is more than one diagnostic message/block code associated with the block, the view will report on the <i>first</i> one only.
Override_User_Name	VARCHAR2(161)	The username of the staff user that performed the override.
Circ_Transaction_ID	NUMBER(9,0)	System-assigned ID of the transaction.
Transaction_Reference_Number	NUMBER(9,0)	Tracking number assigned to check-outs, check-ins, renewals, requests, and fine payments.

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Field Name	Data Type	Description
Transaction_Denied	VARCHAR2(22)	Indicates whether the transaction was denied. Values in this field will be one of the following: <ul style="list-style-type: none"> • Transaction Not Denied • Transaction Denied
Denied_Reason	VARCHAR2(4000)	The reason the transaction was denied.
Patron_Barcode_Type	VARCHAR2(17)	The barcode type of the patron who checked out the item. Values in this field will be one of the following: <ul style="list-style-type: none"> • Primary Barcode • Alternate Barcode • HKID • Chamo Username

2.3.4.2.5 Circ_Dispute_Log_v

Field Name	Data Type	Description
Transaction_Type	VARCHAR2(9)	Indicates whether this record is for a disputed, waived, or reinstated item. Values in this field will be one of the following: <ul style="list-style-type: none"> • Dispute • Waive • Reinstatement • Unknown
Reserve_Item	VARCHAR2(4000)	Indicates whether the item is a reserve item. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Dispute_Date	DATE	Date on which the check-out was disputed.
Dispute_Location	VARCHAR2(500)	Location at which the dispute was recorded.
User_Name	VARCHAR2(161)	Name of the user processing the dispute, waive, or reinstatement.
Assessment_ID	NUMBER(9,0)	The system-assigned ID of the assessment.
Bib_ID	NUMBER(9)	Bibliographic ID of the disputed item.
Item_ID	NUMBER(9)	System-assigned ID of the disputed item.
Item_Barcode	VARCHAR2(50)	Barcode of the disputed item.
Patron	VARCHAR2(100)	Name of the patron disputing the item.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Patron_Barcode	VARCHAR2(50)	Barcode of the patron disputing the item.
Patron_Type	VARCHAR2(500)	Patron type definition of the patron disputing the item.

Field Name	Data Type	Description
Call_Number	VARCHAR2(100)	Call number of the disputed item.
Checkout_Date	DATE	Check-out date of the disputed item.
Due_Date	DATE	Due date of the item at the time of the dispute.
Owning_Location	VARCHAR2(500)	Owning location of the disputed item.
Shelf_Location	VARCHAR2(500)	Shelving location of the disputed item.
Circulating_Location	VARCHAR2(500)	Location from which the disputed item was checked out.
Number_Of_Disputes	NUMBER(9)	Number of disputes by this patron for this check-out.
Fines	NUMBER	Amount of fines associated with the item at the time of the dispute.
Number_Of_Renewals	NUMBER	Number of renewals for this check-out.
Hostname	VARCHAR2(256)	Name of the machine where the transaction took place.
Previous_Due_Date	DATE	Due date assigned to the previous renewal.
Channel	VARCHAR2(10)	The patron's log-in mode. Values in this field will be one of the following: <ul style="list-style-type: none"> • Internet • Telephone • OPAC • Self-Check • Counter • Bookdrop
Note	VARCHAR2(2000)	Reason for the dispute.
Circ_Transaction_ID	NUMBER(9,0)	System-assigned ID of the transaction
Transaction_Reference_Number	NUMBER(9,0)	Tracking number assigned to check-outs, check-ins, renewals, requests, and fine payments.

Field Name	Data Type	Description
Transaction_Denied	VARCHAR2(22)	Indicates whether the transaction was denied. Values in this field will be one of the following: <ul style="list-style-type: none">• Transaction Not Denied• Transaction Denied

2.3.4.2.6 Circ_Letters_Log_v

Field Name	Data Type	Description
Letter_Type	VARCHAR2(4000)	Type of notice. Values in this field will be one of the following: <ul style="list-style-type: none"> • 28 Review • 29 Overdue • 30 Requested Overdue • 31 Pre-billing Search List • 32 Requested Pre-billing Search List • 33 Bill • 34 Requested Bill • 35 Recall Bill • 36 Request • 37 Recall • 55 Patron Account Statement is Issued
Letter_Type_Code	NUMBER(9,0)	The code used in association with the type of notice.
Reserve_Item	VARCHAR2(4000)	Indicates whether the notice was sent for a reserve item. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Letter_Date	DATE	Date notice was sent.
Transaction_Location	VARCHAR2(500)	Log-in location of the transaction triggering the notice.
Circ_Transaction_ID	NUMBER(9,0)	System-assigned ID of the circulation transaction.
Transaction_Reference_Number	NUMBER(9,0)	Transaction reference number assigned to the transaction.

Field Name	Data Type	Description
Transaction_Denied	VARCHAR2(22)	Indicates whether the transaction was denied. Values in this field will be one of the following: <ul style="list-style-type: none"> • Transaction Not Denied • Transaction Denied
User_Name	VARCHAR2(161)	Username of the staff who processed the original transaction.
Bib_ID	NUMBER(9)	Bibliographic ID of the title associated with the notice.
Item_ID	NUMBER(9)	System-assigned ID of the item associated with the notice.
Item_Barcode	VARCHAR2(50)	Barcode of the item associated with the notice.
Patron	VARCHAR2(100)	Name of the patron receiving the notice.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Patron_Barcode	VARCHAR2(50)	Barcode of the patron receiving the notice.
Patron_Type	VARCHAR2(500)	Patron type definition of the patron receiving the notice.
Call_Number	VARCHAR2(100)	Call number of the item.
Due_Date	DATE	Due date of the item.
Owning_Location	VARCHAR2(500)	Owning location of the item.
Shelf_Location	VARCHAR2(500)	Shelving location of the item.
Item_Class	VARCHAR2(500)	Item class of the item.
Notice_Number	NUMBER(9)	Number of this type of notices sent for the transaction.
Hostname	VARCHAR2(256)	The fully qualified machine name of the workstation from which the transaction was initiated.
Previous_Due_Date	DATE	The previous due date of the item.

Field Name	Data Type	Description
Channel	VARCHAR2(10)	The patron's log-in mode. Values in this field will be one of the following: <ul style="list-style-type: none">• Internet• Telephone• OPAC• Self-Check• Counter• Bookdrop

2.3.4.2.7 Circ_Renewal_Log_v

Field Name	Data Type	Description
Transaction_Type	VARCHAR2(17)	Type of renewal. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular • In-house • Fixed Date • Selected Date
Reserve_Item	VARCHAR2(4000)	Indicates whether the item is a reserve item. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Renewal_Date	DATE	Transaction date of the renewal.
Renewal_Location	VARCHAR2(500)	Location at which the item was renewed.
User_Name	VARCHAR2(161)	Username of the user processing the renewal.
User_ID	NUMBER(9,0)	ID of the user processing the renewal.
Bib_ID	NUMBER(9)	Bibliographic ID of the renewed item.
Item_ID	NUMBER(9)	System-assigned ID of the renewed item.
Item_Barcode	VARCHAR2(50)	Barcode of the renewed item.
Patron	VARCHAR2(100)	Name of the patron renewing the item.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Patron_Barcode	VARCHAR2(50)	Barcode of the patron renewing the item.
Patron_Type	VARCHAR2(500)	Patron type definition of the patron renewing the item.
Call_Number	VARCHAR2(100)	Call number of the renewed item.

Field Name	Data Type	Description
Due_Date	DATE	New due date of the renewed item.
Owning_Location	VARCHAR2(500)	Owning location of the renewed item.
Shelf_Location	VARCHAR2(500)	Shelving location of the renewed item.
Item_Class	VARCHAR2(500)	Item class of the renewed item.
Number_Of_Renewals	NUMBER(9)	Number of renewals for the current circulation of the item.
Fines_Assessed	NUMBER	Fines assessed for the current circulation of the item.
Fine_Amnesty	VARCHAR2(4000)	Indicates whether the Amnesty Flag was set to ON at the time of the renewal. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Hostname	VARCHAR2(256)	Name of the machine where the transaction took place.
Previous_Due_Date	DATE	Due date assigned to the previous renewal.
Channel	VARCHAR2(10)	The patron's log-in mode. Values in this field will be one of the following: <ul style="list-style-type: none"> • Internet • Telephone • OPAC • Self-Check • Counter • Bookdrop
Circ_Transaction_ID	NUMBER(9,0)	System-assigned ID of the transaction

Field Name	Data Type	Description
Nature_Of_Override	VARCHAR2(4000)	The diagnostic message and block code definition (if applicable) that triggered the override. Note that if there is more than one diagnostic message/block code associated with the block, the view will report on the <i>first</i> one only.
Override_User_Name	VARCHAR2(161)	The username of the staff user that performed the override.
Transaction_Reference_Number	NUMBER(9,0)	Tracking number assigned to check-outs, check-ins, renewals, requests, and fine payments.
Transaction_Denied	VARCHAR2(22)	Indicates whether the transaction was denied. Values in this field will be one of the following: <ul style="list-style-type: none"> • Transaction Not Denied • Transaction Denied
Denied_Reason	VARCHAR2(4000)	The reason the transaction was denied.
Patron_Barcode_Type	VARCHAR2(17)	The barcode type of the patron renewing the item. Values in this field will be one of the following: <ul style="list-style-type: none"> • Primary Barcode • Alternate Barcode • HKID • Chamo Username

2.3.4.2.8 Circ_Request_Log_v

Field Name	Data Type	Description
Transaction_Type	VARCHAR2(8)	Type of request transaction. Values in this field will be one of the following: <ul style="list-style-type: none"> • Add • Modify • Delete • Resubmit • Satisfy • Deny • Deactivate • Activate • Extension Notice • Item Trapped
Reserve_Item	VARCHAR2(4000)	Indicates whether the request is on a reserve item. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Request_Date	DATE	Date of the transaction specified in the Transaction_Type field.
Request_Location	VARCHAR2(500)	Location at which the transaction took place.
User_Name	VARCHAR2(161)	Username of the user initiating the transaction.
User_ID	NUMBER(9,0)	ID of the user initiating the transaction.
Bib_ID	NUMBER(9)	Bibliographic ID of the requested title.
Item_ID	NUMBER(9)	System-assigned ID of the requested item.

Field Name	Data Type	Description
Item_Barcode	VARCHAR2(50)	Barcode of the requested item.
Patron	VARCHAR2(100)	Name of the patron placing the request.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Patron_Barcode	VARCHAR2(50)	Barcode of the patron placing the request.
Patron_Type	VARCHAR2(500)	Patron type definition of the patron placing the request.
Call_Number	VARCHAR2(100)	Call number of the requested title or item.
Expiration_Date	DATE	Expiration date of the request.
Pickup_Location	VARCHAR2(500)	Pickup location of the request.
Minimum_Days_Needed	NUMBER(9)	Minimum number of days the patron needs the requested title/item.
Request_Type	VARCHAR2(7)	Type of request placed. Values in this field will be one of the following: <ul style="list-style-type: none"> • Hold • Recall • Loan • Page
Request_Level	VARCHAR2(13)	Level of request placed. Values in this field will be one of the following: <ul style="list-style-type: none"> • Item • Bibliographic • Volume • Unit • Holdings
Units	VARCHAR2(62)	Information from the Units field of the Item Information window.
Hostname	VARCHAR2(256)	The fully qualified machine name of the workstation from which the transaction was initiated.
Previous_Due_Date	DATE	Due date assigned to the previous renewal.

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Field Name	Data Type	Description
Channel	VARCHAR2(10)	The patron's log-in mode. Values in this field will be one of the following: <ul style="list-style-type: none"> • Internet • Telephone • OPAC • Self-Check • Counter • Bookdrop
Circ_Transaction_ID	NUMBER(9,0)	System-assigned ID of the transaction
Transaction_Reference_Number	NUMBER(9,0)	Tracking number assigned to check-outs, check-ins, renewals, requests, and fine payments.
Transaction_Denied	VARCHAR2(22)	Indicates whether the transaction was denied. Values in this field will be one of the following: <ul style="list-style-type: none"> • Transaction Not Denied • Transaction Denied
Denied_Reason	VARCHAR2(4000)	The reason the transaction was denied.
Nature_Of_Override	VARCHAR2(4000)	The diagnostic message and block code definition (if applicable) that triggered the override. Note that if there is more than one diagnostic message/block code associated with the block, the view will report on the <i>first</i> one only.
Override_User_Name	VARCHAR2(161)	The username of the staff user that performed the override.

Field Name	Data Type	Description
Patron_Barcode_Type	VARCHAR2(17)	The barcode type of the patron placing the request. Values in this field will be one of the following: <ul style="list-style-type: none">• Primary Barcode• Alternate Barcode• HKID• Chamo Username

2.3.4.2.9 Circ_Request_v

Field Name	Data Type	Description
Request_Control_Number	NUMBER(9)	Unique identifier for this table.
Bib_ID	NUMBER(9)	Bibliographic ID of the requested title.
Barcode	VARCHAR2(50)	Barcode of the requested item.
Item_ID	NUMBER(9)	System-assigned ID of the requested item.
Patron	VARCHAR2(100)	Name of the patron placing the request.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Patron_Type	VARCHAR2(500)	Patron type definition of the patron placing the request.
Location_Placed	VARCHAR2(500)	Location where the request was placed.
Pickup_Location	VARCHAR2(500)	Location at which the item will be picked up.
Item_Held	VARCHAR2(50)	Barcode of item trapped for the request.
Date_First_Needed	DATE	Earliest date the request is needed.
Date_Last_Needed	DATE	Latest date the request is needed.
Min_Circ_Period	NUMBER(5)	Minimum amount of time (in days) the requestor needs the item.
Send_Notice	VARCHAR2(4000)	Indicates whether an Availability notice is generated when a requested item becomes available. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

Field Name	Data Type	Description
Type	VARCHAR2(12)	Indicates the request type. Values in this field will be one of the following: <ul style="list-style-type: none"> • Hold • Recall • Loan • Page • Reserve Hold
Status	VARCHAR2(10)	Displays the status of the request. Values in this field will be one of the following: <ul style="list-style-type: none"> • Pending • In Transit • Pickup • Unknown
Return_Location	VARCHAR2(500)	The location where the item is to be returned.
Date_Placed	DATE	Date the request was placed.
Sub_Priority_Number	NUMBER(9)	Within a patron type, the priority of the request.
Item_Picked	VARCHAR2(50)	Barcode of the item picked for a bibliographic-level recall.
Immediate_Recall	VARCHAR2(4000)	Indicates whether a recall is an immediate recall. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Availability_Notice_Sent	VARCHAR2(4000)	Indicates whether an Availability notice was sent. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

2.3.4.2.10 Closed_Date_v

Field Name	Data Type	Description
Category_ID	Number (9)	Identification of the type of closed date, e.g., state holiday, staff workday, etc.
Date_Closed	DATE	Date the location is closed.
Name	VARCHAR2(500)	Description of the day the location is closed.

2.3.4.2.11 District_Code_v

Field Name	Data Type	Description
District_Code	VARCHAR2(2)	One of the HKPL district codes configured in the District Code Definitions parameter in the Profiler..
Description	VARCHAR2(80)	Text description of the district.

2.3.4.2.12 Fine_Code_v

Field Name	Data Type	Description
Fine_Code_ID	NUMBER(9)	ID for the fine.
Fine_Code	CHAR(2)	Code for the fine.
Description	VARCHAR2(80)	Description of the fine.
System_Defined	VARCHAR2(4000)	Flag indicating whether the fine is system-defined. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Record_Modified_Date	DATE	Date the record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.13 Interlibrary_Loan_v

Field Name	Data Type	Description
Institution	VARCHAR2(100)	The institution that the ILL is placed against.
Item_Class	VARCHAR2(500)	The item class used for ILL circulation.
Location	VARCHAR2(500)	The location that the ILL is placed against.

2.3.4.2.14 Interlibrary_Loan_Patron_v

Field Name	Data Type	Description
Institution	VARCHAR2(100)	The institution that the ILL is placed against.
Patron	VARCHAR2(600)	The patron associated with ILL circulation activity.

2.3.4.2.15 ISO_Patron_v

Field Name	Data Type	Description
Record_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Tag	CHAR(3)	Number of the tag used in this record. -OR- Leader , if the tag is the record leader.
Subfield	VARCHAR2(1)	Subfield of the tag in the Tag column of this record. -OR- Indicator , if the Value field displays the indicators for the tag.
Value	VARCHAR2(2000)	Value of the tag/subfield combination.

Note: In this view, each row will include information from a single subfield. The view excludes the following tags (note that for each tag we list the view in which this information is listed):

- 007 & 043 (alert and block information) - [Patron_Block_v](#)
- 015 (patron barcode) - [Patron_Barcode_v](#)
- 030 & 245 (patron type information) - [Patron_v](#)
- 032 (circulation count) - [Patron_v](#)
- 042 (beginning, expiration, last activity, and delete dates) - [Patron_v](#)

2.3.4.2.16 Item_Class_v

Field Name	Data Type	Description
Item_Class_ID	NUMBER(9)	ID of the item class.
Item_Class	VARCHAR2(500)	Text definition of the item class.
Class_Type	VARCHAR2(17)	Class type of the item class. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular • Reserve • Materials Booking
Media_Type	VARCHAR2(31)	Media type of the item class. Values in this field will be one of the following: <ul style="list-style-type: none"> • Non-magnetic Media • Magnetic Media
Record_Modified_Date	DATE	Date the record was last modified.
Record_Modified_By	VARCHAR2(80)	Name of the user who last modified the record.

2.3.4.2.17 Item_Detail_v

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Parent_Type	VARCHAR2(20)	Type of parent record for the item. Values in this field will be one of the following: <ul style="list-style-type: none"> • Bibliographic Record • Holdings Record • Unknown
Parent_ID	NUMBER(9)	Bibliographic or Holdings ID of the parent record.
Bib_ID	NUMBER(9)	Bibliographic ID of the parent record.
Location	VARCHAR2(500)	Owning location of the item.
Copy_Number	NUMBER(5)	Copy number of the item.
Shelf_Location	VARCHAR2(500)	Shelving location of the item.
Move_To_Location_Date	DATE	Shelved Until date listed in the Item Information window.
Num_Days_Can_Circulate	NUMBER(5)	Value in the Loan Period field on the Item Information window.
Num_Times_Circulated	NUMBER(9)	Total number of times the item has been checked in.
Temp_Circ_Count	NUMBER(5)	Total number of times the item has been checked in since the Temp_Circ_Count_Date.
Temp_Circ_Count_Date	DATE	Date used by the Temp_Circ_Count field.
Num_Times_Reserved	NUMBER(5)	Number of times the item was checked out while on reserve.
Temp_Reserve_Count	NUMBER(5)	Total number of times the item has been checked in while on reserve since the Temp_Reserve_Count_Date.
Temp_Reserve_Count_Date	DATE	Date used by the Temp_Reserve_Count field.
Num_Times_Circ_In_House	NUMBER(5)	Number of times item has been checked in from an In-house circulation.

Field Name	Data Type	Description
Temp_In_House_Count	NUMBER(5)	Total number of times the item has been checked in from an In-house circulation since the Temp_In_House_Count_Date.
Temp_In_House_Count_Date	DATE	Date used by the Temp_In_House_Count field.
Price	NUMBER(9)	Item price listed in the Item Information window.
Item_Class	VARCHAR2(500)	Item class of the item.
Reserve_Item_Class	VARCHAR2(500)	Reserve item class of the item. This field is set only if the item is on active reserve.
Number_Of_Pieces	NUMBER(9)	Number of pieces as indicated on the Item Information window.
Record_Created_Date	DATE	Date the record was created.
Last_Modified_Date	DATE	Date on which the item was last used or modified.
Last_Inventory_Date	DATE	Date of the last inventory report.
Barcode_Date	DATE	Date the barcode was added to the item.
Last_Transaction_Date	DATE	Date of the last circulation event (check-in, renewal, or in-house usage) associated with the item.
Barcode	VARCHAR2(50)	Item barcode.
Record_Modified_By	VARCHAR2(161)	Username of the user who last modified the item.
Requests_Allowed	VARCHAR2(4000)	Indicates whether requests are allowed on this item. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

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Field Name	Data Type	Description
Use_Item_Period	VARCHAR2(4000)	Indicates whether the item circulates based on the Loan Period field in the Num_Days_Can_Circulate field. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown If this field is set to No, the Circulation Matrix is used to determine the circulation period.
Units	VARCHAR2(64)	Units information from the free-text Units field of the item record, or if the record has a holdings record as its parent, units information based on the enumeration and chronology fields in the holdings 853 tag.
Units_Sort_Form	VARCHAR2(64)	Units information in a normalized sort form.
URL	VARCHAR2(2000)	URL associated with the item.
Pac_Code	VARCHAR2(80)	Preservation and Conservation (PAC) Code associated with the item.
Public_Note	VARCHAR2(2000)	Optional public note attached to the item via the Notes tab.
Staff_Note	VARCHAR2(2000)	Optional note for staff only attached to the item via the Notes tab.
Checkout_Note	VARCHAR2(2000)	Note added to the item record to display as an alert at check-out.
Checkin_Note	VARCHAR2(2000)	Note added to the item record to display as an alert at check-in.
Call_Number	VARCHAR2(60)	First item-level call number.
Second_Call_Number	VARCHAR2(60)	Second item-level call number.
Non_Param_Shelf_Location_Name	VARCHAR2(500)	Name of the non-parameterized shelf location associated with the item.
POID	NUMBER(9,0)	The system-defined ID of the Purchase Order used to order this item.
Display_POID	VARCHAR2(75)	The Purchase Order ID used to order this item as defined by the user.
Order_Line_ID	NUMBER(9,0)	ID of the purchase order line that is associated with this item.

Field Name	Data Type	Description
Vendor_ID	NUMBER(9,0)	System-assigned ID for the vendor from which this item was ordered.
Vendor	VARCHAR2(726)	Name of the vendor from which this item was ordered.
Receipt_ID	NUMBER(9,0)	ID of the receipt associated with this item.
Receipt_Date	DATE	Date of the receipt associated with this item.
Invoice_Line_ID	NUMBER(9,0)	Line number in the invoice that is associated with this item.
Collection_ID	NUMBER(9,0)	System-assigned ID of the collection code associated with this item.
Collection_Code	VARCHAR2(20)	Collection code assigned to this item.
Collection_Code_Label	VARCHAR2(500)	Label assigned to the collection code.
Purchase_Price	NUMBER(25,10)	Purchase price of the item as defined on the invoice for this item.
Purchase_Price_Currency	VARCHAR2(3)	Currency in which the invoice for this item was issued.
Accession_Number	VARCHAR2(35)	Accession number assigned to the item.
Other_Accession_Number	VARCHAR2(35)	The AV accession number assigned to the item.
Source	VARCHAR2(235)	The original source of the item.
Withdrawal_Authority	VARCHAR2(187)	A file reference number that indicates the approval of withdrawal/deletion of the item.
Withdrawal_Date	DATE	The date of withdrawal from the list.
Withdrawal_Location	VARCHAR2(500)	Withdrawal location.
Withdrawal_Type	VARCHAR2(255)	The reason for the withdrawal list. Current options are: unserviceable, longOverdue, lostPaid, or missing.
Lamination	VARCHAR2(22)	Type of lamination used on this item: 0 - None (Default) 1 - Paperboard 2 - Protective Plastic 3 - Other
Date_status_changed_to_al	DATE	Date when the item status is changed to AL(Awaiting Lamination).

Field Name	Data Type	Description
Date_status_changed_to_b	DATE	Date when the item status is changed to B (Bindery)
Date_status_changed_to_ttl	DATE	Date when the item status is changed to TTL (Transit from TPU)
Date_status_changed_to_ip	DATE	Date when the item status is changed to IP (In Preparation).
Date_status_changed_to_rtb	DATE	Date when the item status is changed to RTB (Return to Binder).
Saved_List_Name	VARCHAR2(255)	The name of the withdrawal saved list.
Volume	VARCHAR2(35)	The volume information associated with the item.
Primary_Group_Item	NUMBER(9)	The number associated with the primary item in a set of grouped items.
Available	VARCHAR2(4000)	Indicates whether the item is Available. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes

2.3.4.2.18 Item_Public_Note_v

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Barcode	VARCHAR2(50)	Barcode of the item.
Note_Content	VARCHAR2(250)	Content of the note.

2.3.4.2.19 Item_Staff_Note_v

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Barcode	VARCHAR2(50)	Barcode of the item.
Note_Content	VARCHAR2(250)	Content of the note.

2.3.4.2.20 Item_Price_Paid_v

Note: The user will be able to run a query against this view to obtain the *average* price for a specific Collection Code or Collection Group.

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Barcode	VARCHAR2(50)	Barcode of the item.
Barcodedate	DATE	Date the barcode was assigned.
Collection_Code	VARCHAR2(20)	Collection code assigned to the item.
Collection_Code_Description	VARCHAR2(500)	Description of the collection code assigned to the item.
Collection_Group_Code	NUMBER(9,0)	Code of the collection group assigned to the item's collection code.
Collection_Group_Description	VARCHAR2(100)	Description of the collection group assigned to the item's collection code.
Order_Type_ID	NUMBER(2,0)	Internal ID of the order type.

Field Name	Data Type	Description
Order_Type	VARCHAR2(16)	Type of order associated with the ordered item. Values in this field will be one of the following: 0 – Monograph 1 - Serial 2 - Standing 3 - Monographic Set 4 - Planned 5 - Multi-volume Set
Vendor_ID	NUMBER(9,0)	Internal ID of the vendor that the item was ordered from.
Vendor	VARCHAR2(726)	Name of the vendor that the item was ordered from.
Subject_Code_ID	NUMBER(9,0)	Internal ID of the PO subject code assigned to the order line that ordered the item.
Subject_Code	VARCHAR2(80)	The PO subject code assigned to the order line that ordered the item.
Currency_Code	VARCHAR2(3)	Item's invoice currency.
Fiscal_Year	VARCHAR2(30)	Fiscal year of the fund account that the item's invoice was expended from.
Price_Paid	NUMBER	Total price paid for the item in the home currency. This amount includes discounts, fees, and taxes at both the line and invoice level. Invoice fees, taxes, and discounts will be pro-rated. For instance, an item's portion of the invoice fee will be the invoice fee divided by the total number of lines divided by the quantity of the invoice's line.

2.3.4.2.21 Item_Status_v

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Barcode	VARCHAR2(50)	Barcode of the item.
Bib_ID	NUMBER(9)	Bibliographic ID of the item.
Status_Code	NUMBER(4,0)	<p>The status code that defines how the status is used. The first number indicates the action:</p> <ul style="list-style-type: none"> 2 No action 3 Display warning to operator 4 Display warning and clear status 5 Clear status without warning 6 Warn during all transactions 7 Display warning to operator <p>The second number indicates the transaction:</p> <ul style="list-style-type: none"> 1 Check-out 2 Check-in 3 Renew 4 Check-out and check-in 5 Check-out and renew 6 Check-in and renew 7 Check-out, check-in, and renew 8 Reserved for acquisitions <p>The last two numbers are user defined.</p>
Status	VARCHAR2(80)	Current status of the item.
Request_Control_Number	NUMBER(9)	Unique control number for requested items.

Field Name	Data Type	Description
Status_Date	DATE	Date the current status was applied.
Location_Being_Sent_To	VARCHAR2(500)	For items with a status of In Transit, the location to which the item is routed.
Location	VARCHAR2(500)	Location at which the current status was added.
Unserviceable	VARCHAR2(17)z	Serviceability of the item. This field uses the following values: 0 – Not unserviceable 1 – Unserviceable

2.3.4.2.22 Item_Status_Description_v

Field Name	Data Type	Description
Status_ID	NUMBER(9,0)	An ID that uniquely describes the status.
Name	VARCHAR2(80)	A text description of the status.

2.3.4.2.23 Item_Status_Duration_v

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Item_Barcode	VARCHAR2(50)	Barcode of the item.
Status_Code	NUMBER(4,0)	<p>The status code that defines how the status is used. The first number indicates the action:</p> <ul style="list-style-type: none"> 2 No action 3 Display warning to operator 4 Display warning and clear status 5 Clear status without warning 6 Warn during all transactions 7 Display warning to operator <p>The second number indicates the transaction:</p> <ul style="list-style-type: none"> 1 Check-out 2 Check-in 3 Renew 4 Check-out and check-in 5 Check-out and renew 6 Check-in and renew 7 Check-out, check-in, and renew 8 Reserved for acquisitions <p>The last two numbers are user defined.</p>
Status_Name	VARCHAR2(80)	Current status of the item.
Status_Institution	VARCHAR2(100)	The ID of the institution that the item status is linked to.
Status_Assigned_Date	DATE	Date the status was assigned

Field Name	Data Type	Description
Status_Removed_Date	DATE	Date the status was removed
Duration_Of_Status	NUMBER	Number of hours the item was at the status.
Location_Name	VARCHAR2(500)	Location at which the current status was added.

2.3.4.2.24 Average_Item_Status_Duration_v

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Status_Code	NUMBER(4,0)	<p>The status code that defines how the status is used. The first number indicates the action:</p> <ul style="list-style-type: none"> 2 No action 3 Display warning to operator 4 Display warning and clear status 5 Clear status without warning 6 Warn during all transactions 7 Display warning to operator <p>The second number indicates the transaction:</p> <ul style="list-style-type: none"> 1 Check-out 2 Check-in 3 Renew 4 Check-out and check-in 5 Check-out and renew 6 Check-in and renew 7 Check-out, check-in, and renew 8 Reserved for acquisitions <p>The last two numbers are user defined.</p>
Status_Name	VARCHAR2(80)	Current status of the item.
Status_Institution	VARCHAR2(100)	The ID of the institution that the item status is linked to.
Average_Duration_Of_Status	NUMBER	Average number of hours the item was at the status.

2.3.4.2.25 Average_Status_Duration_v

Field Name	Data Type	Description
Status_Code	NUMBER(4,0)	<p>The status code that defines how the status is used. The first number indicates the action:</p> <ul style="list-style-type: none"> 2 No action 3 Display warning to operator 4 Display warning and clear status 5 Clear status without warning 6 Warn during all transactions 7 Display warning to operator <p>The second number indicates the transaction:</p> <ul style="list-style-type: none"> 1 Check-out 2 Check-in 3 Renew 4 Check-out and check-in 5 Check-out and renew 6 Check-in and renew 7 Check-out, check-in, and renew 8 Reserved for acquisitions <p>The last two numbers are user defined.</p>
Status_Name	VARCHAR2(80)	Name of the item status
Status_Institution	VARCHAR2(100)	The ID of the institution that the item status is linked to.
Average_Duration_Of_Status	NUMBER	Average number of hours an item spends assigned to this status before the status is removed.

2.3.4.2.26 Items_Checked_Out_v

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Barcode	VARCHAR2(50)	Barcode of the item.
Patron	VARCHAR2(100)	Name of the patron who checked out the item.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Checkout_Type	VARCHAR2(8)	Type of check-out. Values in this field will be one of the following: <ul style="list-style-type: none"> • Regular • In-house • Reserve • Unknown
Notice_Count	NUMBER(5)	Number of times the current type of notice has been sent.
Notice_Date	DATE	Date the next notice is to be sent.
Renew_Count	NUMBER(9)	Number of times item has been renewed for the current circulation.
Dispute_Count	NUMBER(9)	Number of times the item has been disputed during the current circulation.
Dispute_Date	DATE	Date of the last dispute of this item.
Waive_Date	DATE	Date of the last waive of this item.

Field Name	Data Type	Description
Notice_Type	VARCHAR2(4000)	Notice type of the next notice to be sent. Values in this field will be one of the following: <ul style="list-style-type: none"> • No Letter • Review • Overdue • Requested Overdue • Bill • Requested Bill • Recall • Unknown
Due_Date	DATE	Current due date of the checked out item. This due date is dynamic and will change when the item is renewed or recalled.
Checkout_Date	DATE	Date the item was checked out.
Checkout_Location	VARCHAR2(500)	Location at which the item was checked out.
Checked_Out_By	VARCHAR2(161)	Username of the user processing the check-out.
Recallable_Date	DATE	Earliest date the item can come due as a result of a recall.
Last_Notice_Type	VARCHAR2(4000)	Type of notice last sent to the patron. Values in this field will be one of the following: <ul style="list-style-type: none"> • No Letter • Review • Overdue • Requested Overdue • Bill • Requested Bill • Recall • Unknown

Field Name	Data Type	Description
Last_Notice_Count	NUMBER(5)	Number of times the notice specified in the Last_Notice_Type field has been sent.
Last_Notice_Date	Date	Date the last notice was sent.

2.3.4.2.27 Letter_Type_v

Field Name	Data Type	Description
Letter_Type	NUMBER	Number of the letter type (used in the Circulation Transaction Log): 28-45 55
Description	VARCHAR2(4000)	Description of the letter type. Values in this field will be one of the following: <ul style="list-style-type: none"> • Review • Overdue • Requested Overdue • Pre-billing Search List • Requested Pre-billing Search List • Bill • Requested Bill • Recall Bill • Request • Recall • Patron Account Statement Is Issued • Activate Request • Billed and Paid Delete • Check-in Denied by Location • Deactivate Request • Delete Billed Checkout • Delete Non-billed Checkout • Due Date Changed • Manual Bill

2.3.4.2.28 Library_Defined_Date_v

Field Name	Data Type	Description
Category_ID	NUMBER(9)	Identification of the type of library-defined date, e.g., annual, quarterly, etc.
Begin_Date	DATE	Beginning date of the date range.
End_Date	DATE	Ending date of the date range.
Due_Date	DATE	Date on which all materials checked out in the date range come due.
Record_Modified_Date	DATE	Date the record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.29 Library_Hours_v

Field Name	Data Type	Description
Category_ID	NUMBER(9)	Identification of the type of library hours, e.g., summer hours, fall hours, etc.
Open_Time	DATE	Day and time the library opens.
Close_Time	DATE	Day and time the library closes.

2.3.4.2.30 Location_Item_v

Field Name	Data Type	Description
Location	VARCHAR2(500)	Location used in this matrix.
Item_Class	VARCHAR2(500)	Item class used in this matrix.
Hold_Pickup_Period	NUMBER(9)	Combined with the Hold_Pickup_Period_Type field, specifies the period of time the library holds an item for a patron once a request has been satisfied.
Hold_Pickup_Period_Type	VARCHAR2(4000)	Defines the value in the Hold_Pickup_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Pickup_At_Shelf_Location	VARCHAR2(4000)	Indicates whether requested items must be picked up at shelving location. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Due_At_Closing_Less	VARCHAR2(4000)	Indicates whether items circulating less than one day are due at closing. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

Field Name	Data Type	Description
Due_At_Closing_More	VARCHAR2(4000)	Indicates whether items circulating one day or more are due at closing. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Use_Item_Record_Price	VARCHAR2(4000)	Indicates whether the Item Price field on the Item Information window is used to determine the replacement cost for an item. If this flag is set to No, the Default_Item_Price field is used to determine the replacement cost. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Default_Item_Price	NUMBER	If the Use_Item_Record_Price field is set to No, this field specifies the default replacement cost of an item.
Fines_Accrue_When_Closed	VARCHAR2(4000)	Indicates whether fines accrue when the library is closed. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Record_Modified_Date	DATE	Date this record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

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2.3.4.2.31 Location_Patron_Item_Limit_v

Field Name	Data Type	Description
Patron_Type	VARCHAR2(500)	Patron type definition used by this check-out matrix.
Location	VARCHAR2(500)	Location used by this check-out matrix.
Item_Class	VARCHAR2(500)	Item class used by this check-out matrix.
Limit	NUMBER(9)	Maximum number of items allowed for check-out.
Limit_Period	NUMBER(9)	Combined with the Limit_Period_Type field, the period of time over which the Limit field applies.
Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Record_Modified_Date	DATE	Date this record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.32 Location_Patron_Item_v

Field Name	Data Type	Description
Location	VARCHAR2(500)	Location used in this matrix.
Patron_Type	VARCHAR2(500)	Patron type definition used in this matrix.
Item_Class	VARCHAR2(500)	Item class used in this matrix.
Calendar_Due_Date	VARCHAR2(4000)	Determines which library-defined due date is used for regular check-outs. If the value for this field is “Not used,” the matrix uses the period specified in the Regular_Loan_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Not Used • Annual • Semi-annual • Quarter • Unknown
Regular_Loan_Period	NUMBER(9)	Length of the loan period for a regular check-out. This period is based on the value of the Regular_Loan_Period_Type field.
Regular_Loan_Period_Type	VARCHAR2(4000)	Period type of the Regular_Loan_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown

Field Name	Data Type	Description
Calendar_Inhouse_Due_Date	VARCHAR2(4000)	Determines which library-defined due date is used for In-house check-outs or renewals. If the value for this field is “Not used,” the matrix uses the period specified in the Inhouse_Loan_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Not Used • Annual • Semi-annual • Quarter • Unknown
Inhouse_Loan_Period	NUMBER(9)	Length of the loan period for an In-house check-out or renewal. This period is based on the value of the Inhouse_Loan_Period_Type field.
Inhouse_Loan_Period_Type	VARCHAR2(4000)	Period type of the Inhouse_Loan_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown

Field Name	Data Type	Description
Calendar_Renewal_Due_Date	VARCHAR2(4000)	Determines which library-defined due date is used for renewals. If the value for this field is “Not used,” the matrix uses the period specified in the Renewal_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Not Used • Annual • Semi-annual • Quarter • Unknown
Renewal_Period	NUMBER(9)	Length of the loan period for a renewal. This period is based on the value of the Renewal_Period_Type field.
Renewal_Period_Type	VARCHAR2(4000)	Period type of the Renewal_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Nonrecalled_Fine	NUMBER	Fine assessed for non-recalled overdue items.
Nonrecalled_Fine_Period	NUMBER(9)	Combined with the Nonrecalled_Fine_Period_Type field, specifies the rate of accrual of fines for non-recalled overdue items.

Field Name	Data Type	Description
Nonrecalled_Fine_Period_Type	VARCHAR2(4000)	Defines the value in the Nonrecalled_Fine_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Recalled_Fine	NUMBER	Fine assessed for recalled overdue items.
Recalled_Fine_Period	NUMBER(9)	Combined with the Requested_Fine_Period_Type field, specifies the rate of accrual of fines for recalled overdue items.
Recalled_Fine_Period_Type	VARCHAR2(4000)	Defines the value in the Requested_Fine_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Maximum_Fine	NUMBER	Maximum fine that can accrue for a patron for a single transaction.
Nonrecalled_Grace_Period	NUMBER(9)	Combined with the Nonrecalled_Grace_Period_Type, specifies the amount of time after the due date that a non-recalled item does not accrue fines.

Field Name	Data Type	Description
Nonrecalled_Grace_Period_Type	VARCHAR2(4000)	Defines the value in the Nonrecalled_Grace_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Recalled_Grace_Period	NUMBER(9)	Combined with the Recalled_Grace_Period_Type, specifies the amount of time after the due date that a recalled item does not accrue fines.
Recalled_Grace_Period_Type	VARCHAR2(4000)	Defines the value in the Recalled_Grace_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Fines_Accrue_From_Grace	VARCHAR2(4000)	Indicates whether fines are assessed from the end of the grace period. If this flag is set to No, fines are assessed from the due date. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

Field Name	Data Type	Description
Guaranteed_Loan_Period	NUMBER(9)	Combined with the Guaranteed_Loan_Period_Type, specifies the amount of time a patron is guaranteed an item before it can be recalled.
Guaranteed_Loan_Period_Type	VARCHAR2(4000)	Defines the value in the Guaranteed_Loan_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Mail_Grace_Period	NUMBER(9)	Combined with the Mail_Grace_Period_Type, specifies the amount of time needed for the delivery of a recall notice.
Mail_Grace_Period_Type	VARCHAR2(4000)	Defines the value in the Mail_Grace_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Nonrecalled_First_Period	NUMBER(9)	Combined with the Nonrecalled_First_Period_Type, specifies the amount of time after the due date before a notice is generated for non-recalled overdue items.

Field Name	Data Type	Description
Nonrecalled_First_Period_Type	VARCHAR2(4000)	Defines the value in the Nonrecalled_First_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Nonrecalled_Bill_Period	NUMBER(9)	Combined with the Nonrecalled_Bill_Period_Type, specifies the amount of time after the last overdue notice is sent before a bill notice is generated for non-recalled overdue items.
Nonrecalled_Bill_Period_Type	VARCHAR2(4000)	Defines the value in the Nonrecalled_Bill_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Nonrecalled_Notice_Period	NUMBER(9)	Combined with the Nonrecalled_Notice_Period_Type, specifies the amount of time that elapses between overdue notices before the next notice is sent.

Field Name	Data Type	Description
Nonrecalled_Notice_Period_Type	VARCHAR2(4000)	Defines the value in the Nonrecalled_Notice_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Nonrecalled_Max_Notices	NUMBER(9)	Maximum number of overdue notices sent for a non-recalled item.
Recalled_First_Period	NUMBER(9)	Combined with the Recalled_First_Period_Type, specifies the amount of time after the due date before a notice is generated for recalled overdue items.
Recalled_First_Period_Type	VARCHAR2(4000)	Defines the value in the Recalled_First_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Recalled_Bill_Period	NUMBER(9)	Combined with the Recalled_Bill_Period_Type, specifies the amount of time after the last overdue notice is sent before a bill notice is generated for recalled overdue items.

Field Name	Data Type	Description
Recalled_Bill_Period_Type	VARCHAR2(4000)	Defines the value in the Recalled_Bill_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Recalled_Notice_Period	NUMBER(9)	Combined with the Recalled_Notice_Period_Type, specifies the amount of time that elapses between overdue notices before the next notice is sent.
Recalled_Notice_Period_Type	VARCHAR2(4000)	Defines the value in the Recalled_Notice_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Recalled_Max_Notices	NUMBER(9)	Maximum number of overdue notices sent for a non-recalled item.
Renewal_Limit	NUMBER(9)	Maximum number of times an item can be renewed for a patron.
Renewal_Limit_Period	NUMBER(9)	Combined with the Renewal_Limit_Period_Type, specifies the amount of time over which the Renewal Limit field applies.

Field Name	Data Type	Description
Renewal_Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Renewal_Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
First_Notice_Is_Review	VARCHAR2(4000)	Indicates whether the first notice is a review letter. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Review_Letter_Days_Before_Due	NUMBER(9)	Number of days before the due date that a review letter is sent.
Hold_Allowed	VARCHAR2(4000)	Indicates whether hold requests are allowed for this location + patron + item combination. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Hold_Expire_Period	NUMBER(9)	Combined with the Hold_Expire_Period_Type field, specifies the default period of time that a hold request is valid.

Field Name	Data Type	Description
Hold_Expire_Period_Type	VARCHAR2(4000)	Defines the value in the Hold_Expire_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Loan_Allowed	VARCHAR2(4000)	Indicates whether loan requests are allowed. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Loan_Expire_Period	NUMBER(9)	Combined with the Loan_Expire_Period_Type field, specifies the default period of time that a loan request is valid.
Loan_Expire_Period_Type	VARCHAR2(4000)	Defines the value in the Loan_Expire_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown

Field Name	Data Type	Description
Page_Allowed	VARCHAR2(4000)	Indicates whether page requests are allowed. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Page_Expire_Period	NUMBER(9)	Combined with the Page_Expire_Period_Type field, specifies the default period of time that a page request is valid.
Page_Expire_Period_Type	VARCHAR2(4000)	Defines the value in the Page_Expire_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Recall_Allowed	VARCHAR2(4000)	Indicates whether recall requests are allowed. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Recall_Expire_Period	NUMBER(9)	Combined with the Recall_Expire_Period_Type field, specifies the default period of time that a recall request is valid.

Field Name	Data Type	Description
Recall_Expire_Period_Type	VARCHAR2(4000)	Defines the value in the Recall_Expire_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Record_Modified_Date	DATE	Date the record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.33 Location_Patron_Limit_v

Field Name	Data Type	Description
Patron_Type	VARCHAR2(500)	Patron type definition used for this check-out limits matrix.
Location	VARCHAR2(500)	Location used for this check-out limits matrix.
Regular_Limit	NUMBER(9)	Maximum number of regular items allowed for check-out.
Regular_Limit_Period	NUMBER(9)	Combined with the Regular_Limit_Period_Type field, the period of time over which the Regular_Limit field applies.
Regular_Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Regular_Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Reserve_Limit	NUMBER(9)	Maximum number of reserve items allowed for check-out.
Reserve_Limit_Period	NUMBER(9)	Combined with the Reserve_Limit_Period_Type field, the period of time over which the Reserve_Limit field applies.

Field Name	Data Type	Description
Reserve_Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Reserve_Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Record_Modified_Date	DATE	Date this record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.34 Location_Patron_v

Field Name	Data Type	Description
Location	VARCHAR2(500)	Location used by this matrix.
Patron_Type	VARCHAR2(500)	Patron type definition used by this matrix.
Default_Date	DATE	Date used for the fixed date check-outs.
Processing_Fee	NUMBER	Amount assessed to a patron when an item is billed.
Processing_Fee_Cancelled	NUMBER(9)	Amount of the processing fee that is deducted from the original fee if the item is returned.
Processing_Fee_Block	VARCHAR2(4000)	Indicates whether the processing fee is used to calculate blocks. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Item_Price_Fee_Remain	NUMBER(9)	Item price fee that remains for the administrative costs of a returned item.
Item_Price_Block	VARCHAR2(4000)	Indicates whether the item price fee is used to calculate blocks. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Hold_When_At_Cur_Loc	VARCHAR2(4000)	Indicates whether a hold request is allowed on an available item at the log-in location. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

Field Name	Data Type	Description
Hold_When_At_Other_Loc	VARCHAR2(4000)	Indicates whether a hold request is allowed on an available item at a location other than the log-in location. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Hold_When_No_Items	VARCHAR2(4000)	Indicates whether a hold request is allowed on a bibliographic record without attached items. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Expiration_Period	NUMBER(9)	Combined with the Expiration_Period_Type field, determines the expiration period for new patron records.
Expiration_Period_Type	VARCHAR2(4000)	Defines the value in the Expiration_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Delete_Period	NUMBER(9)	Combined with the Delete_Period_Type field, determines the delete period for new patron records.

Field Name	Data Type	Description
Delete_Period_Type	VARCHAR2(4000)	Defines the value in the Delete_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Account_Statement_Period	NUMBER(9)	Combined with the Account_Statement_Period_Type field, specifies how long, after sending a bill notice, the library waits to send an account statement.
Account_Statement_Period_Type	VARCHAR2(4000)	Defines the value in the Account_Statement field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Record_Modified_Date	DATE	Date this record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.35 Location_v

Field Name	Data Type	Description
Location_ID	NUMBER(9)	Location number.
Location	VARCHAR2(500)	Name of the location.
Location_Code	VARCHAR2(10)	The abbreviated name of the location.
Hidden	VARCHAR2(3)	Indicates that the location is hidden.
Address	VARCHAR2(2000)	Address for the location. Used in reports.
Alternate_Name	VARCHAR2(2000)	Alternate name for the location. Used in reports.
Accept_Floating_Items_Max	NUMBER(9)	Location will accept floating items provided its item count is below this number.
Allow_Floating_Items_Min	NUMBER(9)	Location will allow its items to float provided its item count does not drop below this number.
Record_Modified_Date	DATE	Date this record was last modified.
Record_Modified_By	VARCHAR2(80)	Name of the user who last modified the record.

2.3.4.2.36 Location_Values_v

Field Name	Data Type	Description
Location	VARCHAR2(500)	Name of the location.
Default_Item_Class	VARCHAR2(500)	Default item class for all new items.
Default_Copy_Number	NUMBER(9)	Default copy number for all new items.
Default_Loan_Period	NUMBER(9)	Default loan period for all new items.
Default_Loan_Period_Type	VARCHAR2(4000)	Default loan period type for all new items. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Use_Loan_Period	VARCHAR2(11)	Indicates whether new items use the Loan Period or Circulation Matrix by default. Values in this field will be one of the following: <ul style="list-style-type: none"> • Matrix • Item Period
Default_Reserve_Start_Date	DATE	Default start date for all new reserves.
Default_Reserve_End_Date	DATE	Default end date for all new reserves.
Checkins_3m_Allowed	VARCHAR2(4000)	Indicates whether the location allows check-ins from 3M Patron SelfCheck machines. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown

Field Name	Data Type	Description
Amnesty_From_Fines	VARCHAR2(4000)	Indicates whether the location grants amnesty for all assessed fines. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Is_Paging_Location	VARCHAR2(4000)	Indicates whether the location is a paging location. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Pickup_Location	VARCHAR2(4000)	Indicates whether the location is a pickup location. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Checkin_Date	DATE	Check-in date that is used if the Use_Local_Checkin_Date flag is set to Yes.
Use_Local_Checkin_Date	VARCHAR2(4000)	Indicates whether the location uses the check-in date specified in the Checkin_Date field. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Default_Reserve_Item_Class	VARCHAR2(500)	Default item class for all new reserve items.
Default_Reserve_Location	VARCHAR2(500)	Default location for all new reserve items.
Pull_Days_Before_Reserve	NUMBER(9)	Number of days the location needs to process a scheduled reserve item.
Record_Modified_Date	DATE	Date this record was last modified.

Field Name	Data Type	Description
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.37 Patron_Account_v

Field Name	Data Type	Description
Account_Control_Number	NUMBER(9)	Unique identifier for this view.
Patron	VARCHAR2(100)	Name of the patron associated with this fine.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Item_ID	NUMBER(9)	System-assigned ID for the item with which the fine is associated.
Fine_State	VARCHAR2(8)	Current state of the fine. Values in this field will be one of the following: <ul style="list-style-type: none"> • Disputed • Waived • Other • Unknown
Fine_Type	VARCHAR2(80)	Description of the fine.
Fine_Amount	NUMBER(19,4)	Amount of the original fine.
Balance_Number	NUMBER(19,4)	Current balance of the fine.
Record_Modified_By	VARCHAR2(80)	Name of the user who last modified the record.
Location	VARCHAR2(500)	Location at which the fine was assessed.
Item_Due_Date	DATE	Date the item is due.

2.3.4.2.38 Patron_Audit_Trail_v

Field Name	Data Type	Description
Adjustment_Note	VARCHAR2(2000)	Text of note about an adjustment to a fine or fee.
Assessment_ID	NUMBER(9)	System-defined ID for the fine. All adjustments to this fine will use this ID. This data is related to the Account_Control_Number column in the Patron_Account_v view.
Credit_Type	VARCHAR2(256)	The type of credit.
Hostname	VARCHAR2(256)	Name of the machine where the transaction took place.
Location	VARCHAR2(500)	Location at which the transaction was processed.
Octopus_Device_ID	VARCHAR2(6)	ID of the Octopus card reader.
Octopus_Card_Number	NUMBER(9,0)	Number of the Octopus smart card.
Octopus_Receipt_Number	VARCHAR2(256)	The Octopus receipt number.
Payment_Method	NUMBER(1)	Method of payment. Values in this field will be one of the following: 0 = Other 1 = Cash 2 = Check 3 = Debit 4 = Credit 5 = Moneris 6 = Octopus 7 = PPS Unknown
Reason	VARCHAR2(2000)	The reason the payment, adjustment, dispute or waive transaction took place.
Receipt_Number	VARCHAR2(50)	The receipt number used for this transaction.

Field Name	Data Type	Description
Record_Modified_By	VARCHAR2(80)	Name of the user who last modified the record.
Reference_Number	VARCHAR2(2000)	An alphanumeric string provided to identify the transaction in a third-party system.
System_Generated	VARCHAR2(3)	Indicates whether or not a transaction was system-generated.
Transaction_Amount	NUMBER(19,4)	Amount of the transaction.
Transaction_Date	DATE	Date on which the transaction was processed.
Transaction_ID	NUMBER(9)	System-defined ID of the transaction related to the assessment.
Transaction_Reference_Number	NUMBER(9,0)	Tracking number assigned to check-outs, check-ins, renewals, requests, and fine payments.
Transaction_Type	VARCHAR2(10)	Type of transaction processed. Values in this field will be one of the following: 1 = Assessment 2 = Payment 3 = Dispute 4 = Reinstatement 5 = Waive 6 = Delete 7 = Modify Unknown
Transaction_Type_Code	NUMBER(1,0)	The system-defined code that corresponds to the Transaction_Type.

2.3.4.2.39 Patron_Audit_Trail_Tran_Type_v

Field Name	Data Type	Description
Transaction_Type	NUMBER	Type of transaction processed. Values in this field will be one of the following: 1 = Assessment 2 = Payment 3 = Dispute 4 = Reinstatement 5 = Waive 6 = Delete 7 = Modify Unknown
Description	VARCHAR2(10)	The text description that corresponds to the transaction type (“Assessment,” “Payment,” etc.).

2.3.4.2.40 Patron_Barcode_v

Field Name	Data Type	Description
Name	VARCHAR2(100)	Name of the patron.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Type	VARCHAR2(17)	Type of barcode of the patron: 1 = barcode 2 = alternate_barcode 3 = HKID 4 = Chamo type
Barcode	VARCHAR2(50)	Barcode number.
Password	VARCHAR2(50)	Unencrypted version of the password used to validate the patron for restricted or confidential activities.
Encrypted_Password	VARCHAR2(50)	Encrypted version of the patron password.
Disabled_Date	DATE	The date that the patron barcode number was disabled.
Disabled_Reason	VARCHAR2(100)	The reason that the patron barcode number was disabled.
Status	VARCHAR2(24)	Stores the status of the patron's library card: 0 = not valid for use 1 = valid as new patron 2 = valid as existing patron 3 = replaced 4 = discontinued 5 = lost 6 = lost and discontinued
Institution_ID	NUMBER(9)	ID of the institution with which this patron is associated.

2.3.4.2.41 Patron_Barcode_Status_Chnge_v

Field Name	Data Type	Description
Barcode	VARCHAR2(50)	Barcode number.
Barcode_Type	VARCHAR2(17)	Type of barcode of the patron: 1 = barcode 2 = alternate_barcode 3 = HKID 4 = Chamo Username
Disabled_Date	DATE	The date that the patron barcode number was disabled.
Disabled_Reason	VARCHAR2(100)	The reason that the patron barcode number was disabled.
Internal_ID	NUMBER(9)	The internally-generated patron barcode status change ID.
Modified_Date	DATE	The date that the status of the patron barcode number was modified.
Operator	VARCHAR2(80)	The log-in name of the user from the user profile.
Operator_ID	NUMBER(9)	The unique, numeric ID of the user from the user profile.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Status	VARCHAR2(24)	Stores the status of the patron's library card: 0 = not valid for use 1 = valid as new patron 2 = valid as existing patron 3 = replaced 4 = discontinued 5 = lost 6 = lost and discontinued

2.3.4.2.42 Patron_Block_v

Field Name	Data Type	Description
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Institution_ID	NUMBER(9)	ID of the institution associated with this patron block.
Block_Code_ID	CHAR(2)	ID of the block code. This ID will correspond either to a field in the patron 007 tag or to a block code entered in the patron 043 tag.

2.3.4.2.43 Patron_Failed_Notice_v

Field Name	Data Type	Description
Date_Of_Notice	DATE	The date when the notice was generated.
E_Mail_Address	VARCHAR2(100)	The e-mail address of the patron to whom the notice was sent.
Item_Barcode	VARCHAR2(50)	For check-out based notices, indicates the barcode of the item that was checked out.
Notice_Resent	VARCHAR2(4000)	Indicates whether a notice was resent to a patron: 0 - No 1 - Yes"
Notice_Type	VARCHAR2(45)	Identifies the type of notice that was sent: 0-unknown (for migrated data, if needed) 1-Review 2-Overdue 3-Recalled Overdue 4-availability 5-unsatisfied cancellation 6-Bill 7-Recalled Bill 8-Recall 9-Request 10-Recall Cancel 11-Expired 12-Booking Expired"
Patron_Barcode	VARCHAR2(50)	The barcode of the patron to whom the notice was sent.
Request_Control_Number	NUMBER(9)	For request-based notices, the ID of the request for which the notice was generated.

2.3.4.2.44 Patron_History_v

Field Name	Data Type	Description
Patron	VARCHAR2(100)	Name of the patron.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Bib_ID	NUMBER(9)	Bibliographic ID of the checked out item.
Checkout_Date	DATE	Date and time the patron checked out the item.
Checkin_Date	DATE	Date and time the patron checked in the item.

2.3.4.2.45 Patron_Item_Limit_v

Field Name	Data Type	Description
Patron_Type	VARCHAR2(500)	Patron type definition used for this check-out matrix.
Item_Class	VARCHAR2(500)	Item class used for this check-out matrix.
Limit	NUMBER(9)	Maximum number of items allowed for check-out.
Limit_Period	NUMBER(9)	Combined with the Limit_Period_Type field, the period of time over which the Limit field applies.
Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Record_Modified_Date	DATE	Date this record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.46 Patron_Limit_v

Field Name	Data Type	Description
Patron_Type	VARCHAR2(500)	Patron type definition used for this check-out matrix.
Regular_Limit	NUMBER(9)	Maximum number of regular items allowed for check-out.
Regular_Limit_Period	NUMBER(9)	Combined with the Regular_Limit_Period_Type field, the period of time over which the Limit field applies.
Regular_Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Regular_Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Reserve_Limit	NUMBER(9)	Maximum number of reserve items allowed for check-out.
Reserve_Limit_Period	NUMBER(9)	Combined with the Reserve_Limit_Period_Type field, the period of time over which the Limit field applies.
Reserve_Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Reserve_Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown

Field Name	Data Type	Description
Record_Modified_Date	DATE	Date this record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.1 Patron_Note_v

Field Name	Data Type	Description
Institution_Name	VARCHAR2(100)	Name of the institution.
Note	VARCHAR2(2000)	The contents of the note in the patron record.
Note_Type	VARCHAR2(31)	0, General/Miscellaneous note, 1, Borrowing privilege note, 2, Borrower status note, 3, Privacy, 4, Billing, 5, Primary Source, 6, Budget, 7, General Undelivered Notice note, 8, Preference changed to paper
Patron_ID	NUMBER(9,0)	System-assigned ID (from the 001 tag) of the patron record.
Patron_Name	VARCHAR2(903)	Name of the patron.
Print_Designation	VARCHAR2(23)	0, Do not print on notices 1, Print on notices
Transaction_Reference_Number	NUMBER(9,0)	The transaction reference number, which is derived from the Circulation Transaction Log, associated with the note.
Type_Of_Alert	VARCHAR2(63)	0, Display to public and alert to presence of note 1, Display public, but no alert to presence of note 2, Do not display to public, but display alert to presence of note 3, Do not display to public and no alert to presence of note

2.3.4.2.2 Patron_Old_Barcode_v

Field Name	Data Type	Description
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Old_Barcode	VARCHAR2(50)	The disabled patron barcode from the 015 tag subfield \$a.
Institution_Name	VARCHAR2(100)	Value defined in the 301 \$b tag of the patron record.
Disabled_Reason	VARCHAR2(100)	The reason a patron barcode was disabled from the 015 tag subfield \$x.

2.3.4.2.3 Patron_Record_State_v

Field Name	Data Type	Description
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
State	VARCHAR2(32)	State assigned to the patron record.
State_Assigned_By	VARCHAR2(80)	Name of the user who assigned the state.
State_Assigned	DATE	Date on which the state was assigned.

2.3.4.2.4 Patron_Record_Added_v

Field Name	Data Type	Description
Patron_ID	NUMBER(9,0)	System-assigned ID (from the 001 tag) of the patron record.
Timestamp	DATE	Date and time that the patron record was added to the database.

2.3.4.2.5 Patron Record Update_v

Field Name	Data Type	Description
Patron_ID	NUMBER(9,0)	System-assigned ID (from the 001 tag) of the patron record.
Patron_Name	VARCHAR2(601)	Name of the patron whose record was updated.
Timestamp	DATE	Date and time that the patron record was modified.
Modified_by	VARCHAR2(161)	Name of the user who last modified the record.

2.3.4.2.6 Patron Record Last Modified_v

Field Name	Data Type	Description
Patron_ID	NUMBER(9,0)	System-assigned ID (from the 001 tag) of the patron record.
Timestamp	DATE	Date and time that the patron record was last modified.

2.3.4.2.7 Patron_Type_v

Field Name	Data Type	Description
Patron_Type_ID	VARCHAR(100)	Unique code for the patron type.
Patron_Type	VARCHAR2(500)	Description of the patron type.
Hold_Order	NUMBER(1)	A number between one and four that indicates the order in which Virtua attempts to place a hold when the patron attempts an auto request. A value of 1 in this field indicates a hold is the first request attempted. A value of 4 in this field indicates a hold is the last request attempted.

Field Name	Data Type	Description
Recall_Order	NUMBER(1)	A number between one and four that indicates the order in which Virtua attempts to place a recall when the patron attempts an auto request. A value of 1 in this field indicates a recall is the first request attempted. A value of 4 in this field indicates a recall is the last request attempted.
Loan_Order	NUMBER(1)	A number between one and four that indicates the order in which Virtua attempts to place a loan when the patron attempts an auto request. A value of 1 in this field indicates a loan is the first request attempted. A value of 4 in this field indicates a loan is the last request attempted.
Page_Order	NUMBER(1)	A number between one and four that indicates the order in which Virtua attempts to place a page when the patron attempts an auto request. A value of 1 in this field indicates a page is the first request attempted. A value of 4 in this field indicates a page is the last request attempted.
ILL_Allowed	VARCHAR2(4000)	Indicates whether the patron type can place ILL requests. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Hold_Limit	NUMBER(9)	Number of holds the patron type can place in the period specified in the Hold_Limit_Period field.
Hold_Limit_Period	NUMBER(9)	Combined with the Hold_Limit_Period_Type field, the period to which the Hold_Limit field applies.

Field Name	Data Type	Description
Hold_Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Hold_Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Recall_Limit	NUMBER(9)	Number of recalls the patron type can place in the period specified in the Recall_Limit_Period field.
Recall_Limit_Period	NUMBER(9)	Combined with the Recall_Limit_Period_Type field, the period to which the Recall_Limit field applies.
Recall_Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Recall_Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Loan_Limit	NUMBER(9)	Number of loans the patron type can place in the period specified in the Loan_Limit_Period field.
Loan_Limit_Period	NUMBER(9)	Combined with the Loan_Limit_Period_Type field, the period to which the Loan_Limit field applies.

Field Name	Data Type	Description
Loan_Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Loan_Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Page_Limit	NUMBER(9)	Number of pages the patron type can place in the period specified in the Page_Limit_Period field.
Page_Limit_Period	NUMBER(9)	Combined with the Page_Limit_Period_Type field, the period to which the Page_Limit field applies.
Page_Limit_Period_Type	VARCHAR2(4000)	Defines the value in the Page_Limit_Period field. Values in this field will be one of the following: <ul style="list-style-type: none"> • Overall • Minutes • Hours • Days • Years • Unknown
Same_Bib_Limit	NUMBER(9)	Maximum number of requests the patron type can place on a single bibliographic ID.
Record_Modified_Date	DATE	Date this record was last modified.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the record.

Field Name	Data Type	Description
Guarantor_Required	VARCHAR2(12)	Indicates whether a guarantor (patron record 719 tag) is required for this patron: 0, Not required 1, Required
HKID_Required	VARCHAR2(12)	Indicates whether the HKID document type (patron record 017 tag subfield \$a) is required for this patron: 0, Not required 1, Required
Passport_Required	VARCHAR2(12)	Indicates whether the passport document type (patron record 022 tag subfield \$a) is required for this patron: 0, Not required 1, Required
Birth_Certificate_Required	VARCHAR2(12)	Indicates whether the birth certificate document type (patron record 025 tag subfield \$a) is required for this patron: 0, Not required 1, Required
Other_Document_Required	VARCHAR2(12)	Indicates whether the “other document” document type (patron record 029 tag subfield \$a) is required for this patron: 0, Not required 1, Required

2.3.4.2.8 Patron_v

Field Name	Data Type	Description
Patron_ID	NUMBER(9)	Unique, system ID of the patron record (from the 001 tag).
Patron_Type	VARCHAR2(500)	Patron type definition that is associated with the patron type defined in the 245 \$a tag of the patron record.
Barcode	VARCHAR2(50)	Barcode defined in the 015 \$a tag of the patron record.
Last_Name	VARCHAR2(300)	Value defined in the 100 \$a or 110 \$a tag of the patron record.
First_Name	VARCHAR2(300)	Value defined in the 100 \$h tag of the patron record.
Middle_Name	VARCHAR2(300)	Value defined in the 100 \$m tag of the patron record.
Prefix	VARCHAR2(100)	Value defined in the 100 \$e tag of the patron record.
Suffix	VARCHAR2(100)	Value defined in the 100 \$f tag of the patron record.
Opt-in Status		Value defined in the 017 \$o tag of the patron record.
Attention_Of	VARCHAR2(100)	Value defined in the 270 \$h tag of the patron record, where the first indicator for the 270 tag is 1.
Notice_Delivery_Pref	VARCHAR2(7)	Value defined in position 10 in the 008 tag of the patron record. Values in this field will be one of the following: 0 Paper 1 E-mail 2 Text 3 Text and E-mail
Primary_Address	VARCHAR2(100)	Value defined in the first 270 \$a tag of the patron record, where the first indicator for the 270 tag is 1.
Secondary_Address	VARCHAR2(100)	Value defined in the first 270 \$a tag of the patron record, where the first indicator for the 270 tag is 2.
Birth_Date	VARCHAR2(2000)	Value defined in the 100 tag \$d of the patron record.

Field Name	Data Type	Description
City	VARCHAR2(100)	Value defined in the 270 \$b tag of the patron record, where the first indicator for the 270 tag is 1.
County	VARCHAR2(100)	Value defined in the 270 \$c tag of the patron record, where the first indicator for the 270 tag is 1.
State	VARCHAR2(100)	Value defined in the 270 \$d tag of the patron record, where the first indicator for the 270 tag is 1.
Country	VARCHAR2(100)	Value defined in the 270 \$f tag of the patron record, where the first indicator for the 270 tag is 1.
Postal_Code	VARCHAR2(100)	Value defined in the 270 \$e tag of the patron record, where the first indicator for the 270 tag is 1.
Primary_Telephone	VARCHAR2(100)	Value defined in the 270 \$k tag of the patron record, where the first indicator for the 270 tag is 1.
Primary_Special_Telephone	VARCHAR2(100)	Value defined in the 270 \$j tag of the patron record, where the first indicator for the 270 tag is 1.
Primary_Fax	VARCHAR2(100)	Value defined in the 270 \$l tag of the patron record, where the first indicator for the 270 tag is 1.
Secondary_Telephone	VARCHAR2(100)	Value defined in the 270 \$k tag of the patron record, where the first indicator for the 270 tag is 2.
Secondary_Special_Telephone	VARCHAR2(100)	Value defined in the 270 \$j tag of the patron record, where the first indicator for the 270 tag is 2.
Secondary_Fax	VARCHAR2(100)	Value defined in the 270 \$l tag of the patron record, where the first indicator for the 270 tag is 2.
Primary_E-Mail	VARCHAR2(100)	Value defined in the 271 \$a tag of the patron record, where the first indicator for the 271 tag is 1.
Secondary_E-Mail	VARCHAR2(100)	Value defined in the 271 \$a tag of the patron record, where the first indicator for the 271 tag is 2.

Field Name	Data Type	Description
Home_Library	VARCHAR2(100)	Value defined in the 247 \$a tag of the patron record.
Registering_Library	VARCHAR2(100)	Value defined in the 248 \$a tag of the patron record.
Institution_Name	VARCHAR2(100)	Value defined in the 301 \$b tag of the patron record.
Institution_Affiliation	VARCHAR2(100)	Value defined in the 301 \$a tag of the patron record.
College_Or_School	VARCHAR2(100)	Value defined in the 301 \$c tag of the patron record.
College_Or_School_Code	VARCHAR2(10)	Value defined in the 302 \$c tag of the patron record.
Department	VARCHAR2(100)	Value defined in the 301 \$d tag of the patron record.
Preferred_Language	VARCHAR2(100)	Value defined in the 100 \$l tag of the patron record.
Class	VARCHAR2(100)	Value defined in the 100 \$e tag of the patron record.
Social_Security_Number	VARCHAR2(100)	Value defined in the 020 \$a tag of the patron record.
Drivers_License_Number	VARCHAR2(100)	Value defined in the 021 \$a tag of the patron record.
Academic_ID_Number	VARCHAR2(100)	Value defined in the 024 \$a tag of the patron record.
Items_Protected_From_Recall	VARCHAR2(4000)	Value defined in position 13 in the 008 tag of the patron record. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Valid_Patron	VARCHAR2(4000)	Value defined in position 12 in the 008 tag of the patron record. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Privileges_Began	DATE	Value defined in the 042 \$a tag of the patron record.
Privileges_Expire	DATE	Value defined in the 042 \$b tag of the patron record.

Field Name	Data Type	Description
Delete_Date	DATE	Value defined in the 042 \$c tag of the patron record.
Last_Use_Date	DATE	Date of patron's last transaction. This value is defined in the 042 \$d tag of the patron record.
Amount_Paid	NUMBER(9)	<i>This field is not used by Virtua.</i>
Last_Third_Party_Auth	DATE	Value defined in the 042 tag subfield \$f of the patron record.
Circ_Count	NUMBER(9)	Number of times the patron has checked out material.
Dispute_Count	NUMBER(9)	Number of times the patron disputed a fee or transaction.
Waive_Count	NUMBER(9)	Number of times fees or transactions have been waived for the patron.
Phone_Call_Opt_In	VARCHAR2(4000)	Value defined in position 19 in the 008 tag of the patron record. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Guarantor_Name	VARCHAR2(726)	Guarantors name - 719 \$a
Guarantor_Other_Name	VARCHAR2(726)	Guarantors remaining name/qualifying information - 719 \$b
Guarantor_Other_Name_Suffix	VARCHAR2(100)	Guarantor other name suffix - 719 \$h
Guarantor_Prefix	VARCHAR2(100)	Guarantor's prefix - 719 \$c
Guarantor_HKID	VARCHAR2(50)	Guarantor's HKID - 719 \$d
Guarantor_Address	VARCHAR2(2000)	Guarantor's address - 719 \$e
Guarantor_Telephone	VARCHAR2(100)	Guarantor's telephone number - 719 \$f
Guarantor_Alternate_Telephone	VARCHAR2(100)	Guarantor's alternate telephone number - 719 \$g
District_code	VARCHAR2(2)	District code of the patron
District_text_description	VARCHAR2(80)	District description

Field Name	Data Type	Description
Occupation	VARCHAR2(100)	Patron occupation - 100 \$o
Other_name	VARCHAR2(726)	Patron alternate name - 111 \$a
Other_name_suffix	VARCHAR2(100)	Other name suffix - 111 \$f
Barcode	VARCHAR2(50)	Barcode number of the patron
Alternate_barcode	VARCHAR2(50)	Alternate barcode number of the patron
HKID	VARCHAR2(50)	HKID of the patron derived from barcode type.
Chamo_username	VARCHAR2(50)	Username the patron uses to log in to Chamo.
HKID_place_of_issue	VARCHAR2(100)	Place of issue for HKID - 17 \$e
HKID_opt_in_date	DATE	Date the patron first opted in to use the HKID for authentication – 17 \$p
HKID_opt_in_value	NUMBER	Status value assigned to patron’s library card: (17 \$o) <ul style="list-style-type: none"> • 0 • 1 • 2 • 3 • 4 • 5 • 6

Field Name	Data Type	Description
HKID_opt_in	VARCHAR2(125)	Description of status value assigned to patron's library card: <ul style="list-style-type: none"> • Patron has not opted in. • Patron had opted in at the time his/her patron record was created. • Patron chose to opt in at a later date. • Patron is registered, but subsequently lost his/her card which has now been replaced by a new card. • Patron had opted in at one time, but has since opted out. • Patron had opted in at one time, but subsequently lost his/her card and no valid MASC has been replaced. • Patron had opted in at one time, but subsequently lost his/her card and decided to opt out when he reported the card as lost.
Passport_number	VARCHAR2(100)	Passport number - 022 \$a
Passport_place_of_issue	VARCHAR2(100)	Place of issue of the passport - 022 \$c
Birth_certificate	VARCHAR2(100)	Birth certificate number - 025 \$a
Birth_cert_place_of_issue	VARCHAR2(100)	Place of issue of the birth certificate - 025 \$b
Other_ID	VARCHAR2(100)	Document ID of any other document accepted by the library 017 \$a
Other_ID_place_of_issue	VARCHAR2(100)	Place of issue of other document - 029 \$b
Reading_program_category	CHAR(1)	Category of membership to the reading program - 303 \$a: I - Individual F - Family "
Reading_program_nominator_code	VARCHAR2(7)	Nominator for the reading program - 303 \$b
Reading_program_membership_id	VARCHAR2(9)	Membership of patrons who have joined the reading program - 303 \$c
Reading_program_date_joined	DATE	Date when the patron joined the reading program - 303 \$d

Field Name	Data Type	Description
Is_disabled_primary_e_mail	VARCHAR2(12)	Indicates if the primary e-mail ID is disabled. Data comes from 271 \$m: 0 - not disabled 1 - disabled
Is_disabled_secondary_e_mail	VARCHAR2(12)	Indicates if the secondary e-mail ID is disabled. Data comes from 271 \$m: 0 - not disabled 1 - disabled
Hist_List_Maint_Start_Date	DATE	The date the patron's history began to be maintained.
Block_E_Resource_Access	NUMBER(1,0)	Indicates if patron is blocked from e-resource access: <ul style="list-style-type: none"> • No • Yes

Note: The Patron view does not include patron records that contain a disabled reason in subfield \$x of tag 015.

2.3.4.2.9 Request_Group_Link_v

Field Name	Data Type	Description
Location	VARCHAR2(500)	Name of the location.
Request_Group	VARCHAR2(500)	Name of the request group.

2.3.4.2.10 Request_Group_v

Field Name	Data Type	Description
Group_ID	NUMBER(9)	ID of the request group.
Request_Group	VARCHAR2(500)	Name of the request group.
Record_Modified_Date	DATE	Date this record was last modified.
Record_Modified_By	VARCHAR2(80)	Name of the user who last modified the record.

2.3.4.2.11 Reserve_Item_v

Field Name	Data Type	Description
Item_ID	NUMBER(9)	System-assigned ID of the item.
Reserve_List_ID	NUMBER(9)	ID of the reserve list with which this item is associated.
Begin_Date	DATE	Date the item goes on the reserve list.
End_Date	DATE	Date the item comes off the reserve list.
Pull_Date	DATE	Date the item is pulled off the shelf.
Item_Class	VARCHAR2(500)	Item class of the item.
Location	VARCHAR2(500)	Reserve location of the item.
Requests_Allowed	VARCHAR2(4000)	Indicates whether requests are allowed on the item while it is on reserve. Values in this field will be one of the following: <ul style="list-style-type: none"> • No • Yes • Unknown
Reserve_State	VARCHAR2(9)	Current state of the reserve item. Values in this field will be one of the following: <ul style="list-style-type: none"> • Scheduled • Current • Archived • Unknown

2.3.4.2.12 Reserve_List_v

Field Name	Data Type	Description
Reserve_List_ID	NUMBER(9)	Unique identifier for the reserve list.
Instructor	VARCHAR2(100)	Name of the instructor for the list.
Course_ID	VARCHAR2(100)	Course ID for this list.
Section	VARCHAR2(100)	Section ID for this list.
Course_Title	VARCHAR2(100)	Title of the course.
Course_ID_Sort	VARCHAR2(100)	Title of the course in a normalized sort form.

2.3.5 Serials Views

The Serials views provide an easily accessible interface to tables used in the Serials subsystem.

For your reference when creating queries to extract data from the Serials views, the following information is provided:

- A list and brief description of each view.
- A list and brief description of each field included in the views.

2.3.5.1 List of Serials Views

The following views are available for the Serials subsystem.

- [Holdings_Record_State_v](#) - A list of all holdings records with an assigned state.
- [Item_Bindery_v](#) - A list of information about items ready to be bound.
- [ISO_Holdings_v](#) - A list of all information in every holdings record. Each row includes information from a single subfield.
- [Serials_Claims_v](#) - A list of claims for serials issues.
- [Serials_Issue_v](#) - A list of every serials issue.
- [Serials_Reminders_v](#) - A list of reminders for serials.
- [Serials_Routing_v](#) - A list of information about serials routing lists.
- [Serials_v](#) - A list of all holdings records that are linked to bibliographic IDs.

2.3.5.2 Description of the Fields in the Serials Views

This section lists and briefly describes the fields that appear in the Serials views. For each view, there is a table with the following information about the fields in the view:

- **Field Name** - The name of the field in the view.
- **Data Type** - The type of data the field can store.
- **Description** - A brief description of the data contained in the field.

2.3.5.2.1 Holdings_Record_State_v

Field Name	Data Type	Description
Holdings_ID	NUMBER(9)	ID (from the 001 tag) of the holdings record.
State	VARCHAR2(32)	State assigned to the holdings record.
State_Assigned_By	VARCHAR2(80)	Name of the user who assigned the state.
State_Assigned	DATE	Date on which the state was assigned.

2.3.5.2.2 ISO_Holdings_v

Field Name	Data Type	Description
Record_ID	NUMBER(9)	001 tag of the holdings record.
Tag	CHAR(3)	Number of the tag used in this record. -OR- Leader , if the tag is the record leader.
Subfield	VARCHAR2(1)	Subfield of the tag in the Tag column of this record. -OR- Indicator , if the Value field displays the indicators for the tag.
Value	VARCHAR2(2000)	Value of the tag/subfield combination.

2.3.5.2.3 Item_Bindery_v

Field Name	Data Type	Description
Barcode	VARCHAR2(50)	Barcode number of the item to be bound
Call_Number	VARCHAR2(4000)	Item-level or holdings-level call number of the item to be bound
Units	VARCHAR2(4000)	Enumeration and chronology data for the item to be bound. This data will be taken from the free-text field in the item record. If the free-text field is empty AND the parent record is a holdings record, the data will be taken from the caption in the holdings record and the enumeration and chronology data in the item record.
Title	VARCHAR2(2000)	Title of the item to be bound
Author	VARCHAR2(2000)	Author of the item to be bound

2.3.5.2.4 Serials_Claims_v

Field Name	Data Type	Description
Claim_ID	NUMBER(9)	Unique ID of this claim.
Sequence_Number	NUMBER(9)	Number of times the issue has been reclaimed.
Holdings_ID	NUMBER(9)	ID of the holdings record of the claimed serials title.
Transmit_Date	DATE	Date the claim was transmitted.
Status	VARCHAR2(26)	Status of the claim. Values in this field will be one of the following: <ul style="list-style-type: none"> • None • Waiting • Created • Transmitted • Filled • Canceled • Unable to fulfill • Seeking other alternatives • Unknown
Claim_Date	DATE	Date the claim was issued.
Transmit_Method	VARCHAR2(17)	Method with which the claim was transmitted. Values in this field will be one of the following: <ul style="list-style-type: none"> • Print • Save To File • E-mail • X12 by FTP • EDIFACT and Print • Unknown

Field Name	Data Type	Description
Vendor_ID	NUMBER(9)	System-assigned ID for the vendor
Issue_ID	NUMBER(9)	ID of the issue associated with this claim.
Reason	VARCHAR2(32)	Reason for the claim. Values in this field will be one of the following: 0 - No copies received 1 - Wrong items supplied 2 - Imperfect items supplied 3 - Too many copies received 4 - Insufficient copies received
Customer_Account_Name	VARCHAR2(100)	The internal ID of the vendor customer account linked to this claim.
Printed	VARCHAR2(50)	0,'This claim has not been printed', 1,'This claim has been printed or does not need to be'
Created_By	VARCHAR2(161)	The user who created the claim.

2.3.5.2.5 Serials_Issue_v

Field Name	Data Type	Description
Issue_ID	NUMBER(9)	Unique ID of the issue.
Holdings_ID	NUMBER(9)	ID of the holdings record to which the issue is attached.
Item_ID	NUMBER(9)	Internal ID of the item associated with the issue.
Barcode	VARCHAR2(50)	Barcode of the item associated with the issue.
Checkin_Date	DATE	Date the issue was checked in.
Issue_Type	VARCHAR2(22)	Type of the issue. Values in this field will be one of the following: <ul style="list-style-type: none"> • Predicted Issue • Special Issue • Latest Predicted Issue • Unknown
Issue	VARCHAR2(50)	Enumeration and chronology information.
Expected_Date	DATE	Date the issue is expected to arrive.
Linking_Number	NUMBER(5)	Subfield \$8 of the 853 tag of the holdings record with which the issue is associated.
Binding_Status	VARCHAR2(17)	Binding status of the issue. Values in this field will be one of the following: <ul style="list-style-type: none"> • Not Bound • Ready For Binding • Bound • Do Not Bind • Sent for Binding • Unknown

Field Name	Data Type	Description
Notes	VARCHAR2(240)	Contains the note entered on the Serials Check-in window.
Record_Modified_By	VARCHAR2(161)	Name of the user who last modified the issue record.
Sent_To_Binding_Date	DATE	Date the issue's binding status is set to "Sent To Binding."
Received_From_Binding_Date	DATE	Date the issue's binding status is set to "Bound."
Duration_For_Binding	NUMBER	The "Received from Binding Date" minus the "Sent to Binding Date," but excluding the first day sent to binding.
Outstanding_For_Binding	NUMBER	The "report generation date" minus the "Sent to Binding Date" (excluding the first day sent to binding), where "Received from Binding Date" is blank.
Issn	VARCHAR2(10)	ISSN assigned to the serial.
Publisher	VARCHAR2(100)	Publisher of the serial.

2.3.5.2.6 Serials_Reminders_v

Field Name	Data Type	Description
Remind_ID	NUMBER(9)	Unique ID of the reminder.
Remind_Date	DATE	Date on which the reminder will appear on the Reminders window.
Remind_Type	VARCHAR2(8)	Type of the reminder. Values in this field will be one of the following: <ul style="list-style-type: none"> • Expected • Claims • User • Past Due • Binding • Cancel • Unknown
Location_Entered	VARCHAR2(500)	Location at which the reminder was created.
Holdings_ID	NUMBER(9)	ID of the holdings record with which the reminder is associated.
Bib_ID	NUMBER(9)	Bibliographic ID of the record associated with the reminder.
Title	VARCHAR2(2000)	Title of the record associated with the reminder.
Issue_ID	NUMBER(9)	ID of the issue associated with this reminder.
Issue	VARCHAR2(2000)	The display form of the enumeration and chronology.
Date_Entered	DATE	Date on which the reminder was created.
Remarks	VARCHAR2(60)	Free text field.
Claim_Count	NUMBER	Number of claims generated for this holdings record or issue.

2.3.5.2.7 Serials_Routing_v

Field Name	Data Type	Description
Holdings_ID	NUMBER(9)	ID of the holdings record to which the routing list applies.
Patron	VARCHAR2(100)	Name of the patron on the routing list.
Patron_ID	NUMBER(9)	System-assigned ID (from the 001 tag) of the patron record.
Route_Order	NUMBER(4)	Position of the patron on the routing list.
Bib_ID	NUMBER(9)	Bibliographic ID of the record to which the routing list applies.
Title	VARCHAR2(2000)	Title of the record to which the routing list applies.
Location	VARCHAR2(500)	Location listed in the 852 \$b tag of the holdings record.
Copy_Number	NUMBER(5)	Copy number of the holdings item being routed.

2.3.5.2.8 Serials_v

Field Name	Data Type	Description
Holdings_ID	NUMBER(9)	Unique identifier of the holdings record (001 tag).
Bib_ID	NUMBER(9)	Bibliographic ID of the record to which the holdings is attached.
Title	VARCHAR2(2000)	Title of the record to which the holdings record is attached.
Location	VARCHAR2(500)	Location specified in the 852 tag of the holdings record.
Copy_Number	NUMBER(5)	Copy number of the holdings.
Masked	VARCHAR2(4000)	Indicates whether the holdings record is masked: 0 - Record not masked. 1 - Record is masked.
Vendor	VARCHAR2(726)	The name of the vendor associated with the holdings.
Call_Number	VARCHAR2(60)	The call number of the holdings record.
Customer_Account	VARCHAR2(100)	The internal ID of the vendor customer account for the holdings record. Data taken from tag 942 \$a.
Acquisition_Status	VARCHAR2(35)	The acquisition status of the holdings taken from the 008 tag, position 6: 0,'Unknown' 1,'Other receipt or acquisition status' 2,'Received and complete or ceased' 3,'On order' 4,'Currently received' 5,'Not currently received'

Field Name	Data Type	Description
Acquisition_Method	VARCHAR2(34)	The method of acquisition for the holdings taken from the 008 tag, position 7: 'c','Cooperative or consortial purchase' 'd','Deposit' 'e','Exchange' 'f','Free' 'g','Gift' 'm','Membership' 'Non-library purchase' 'p','Purchase' 'z','Other method of acquisition' 'u','Unknown'
Acquisition_End_Date	CHAR(4)	The effective date of cancellation for the holdings from the 008 tag, positions 8-11

2.3.6 ASR Management Views

The ASR Management views provide an easily accessible interface to tables used in the ASR subsystem.

For your reference when creating queries to extract data from the ASR Management views, the following information is provided:

- A list and brief description of each view.
- A list and brief description of each field included in the views.

2.3.6.1 List of ASR Management Views

The following ASR Management views are available.

- [ASR_v](#) - A report on all stack requests and reservations in the system.
- [ASR_at_reading_room_v](#) - A report on all stack requests for which the item has reached the reading room and has not yet been sent back to the stacks.
- [ASR_cancelled_v](#) - A report on all stack requests that have been canceled.
- [ASR_consultation_v](#) - A report on all stack requests that are being consulted.
- [ASR_current_reservations_v](#) - A report on all reservations that neither have been canceled nor have expired.
- [ASR_delivered_v](#) - A list of all scans performed toward reading rooms.
- [ASR_delivered_to_room_v](#) - A list of all scans performed at any reading room to receive items from stacks.
- [ASR_dispatched_from_stack_v](#) - A list of all scans performed at any stack location to send items toward reading rooms.
- [ASR_event_v](#) - A list of events for all stack requests and reservations in the system.
- [ASR_expected_at_stack_v](#) - A report on all stack requests that have been scanned out of the reading room toward the stack location.
- [ASR_expired_v](#) - A report on all stack requests that have not yet reached the reading room, have not been canceled, and have not had any activity within the defined expiration period.
- [ASR_in_transit_v](#) - A report on all stack requests that have not been canceled and are currently in transit from the stack to the reading room or from the reading room to the stack.
- [ASR_location_status_v](#) - A list of all ASR locations, including information about request counts and limits.
- [ASR_returned_v](#) - A list of all scans performed toward stack locations.

- [ASR_route_segments_v](#) - A list of all route segments currently configured in the system.
- [ASR_route_status_v](#) - A list of all defined routes, including information about request counts and limits.
- [ASR_route_time_v](#) - A report on all stack requests that have reached the reading room, including the time taken to reach the reading room.
- [ASR_route_traffic_v](#) - A report on all stack requests in the system and which includes information about the chosen route.

2.3.6.2 Description of the Fields in the ASR Management Views

This section lists and briefly describes the fields that appear in the ASR Management views. For each view, there is a table with the following information about the fields in the view:

- **Field Name** - The name of the field in the view.
- **Data Type** - The type of data the field can store.
- **Description** - A brief description of the data contained in the field.

2.3.6.2.1 ASR_v

Field Name	Data Type	Description
PLACED_DATE	DATE	Date the ASR was placed.
DAY_OF_WEEK	VARCHAR2(1 BYTE)	Day of the week the ASR was placed.
STACK_LOCATION_ID	NUMBER(9,0)	Location ID of the stack.
STACK_LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the stack location.
READING_ROOM_LOCATION_ID	NUMBER(9,0)	Location ID of the reading room.
READING_ROOM_NAME	VARCHAR2(500 BYTE)	Name of the reading room location.
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
PATRON_BARCODE	VARCHAR2(50 BYTE)	Barcode of the patron associated with the request.
PATRON_NAME	VARCHAR2(100 BYTE)	Name of the patron associated with the request.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the request.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the requested item.
TITLE	VARCHAR2(2000 BYTE)	Title of the requested item.
AUTHOR	VARCHAR2(2000 BYTE)	Author of the requested item.
ITEM_CALL_NUMBER	VARCHAR2(60 BYTE)	Call number of the requested item.
RESERVATION	NUMBER	Indicates a reservation.

ASR Views

2.3.6.2 ASR_at_reading_room_v

Field Name	Data Type	Description
LOCATION_ID	NUMBER(9,0)	ID of the location.
LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location.
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
PATRON_BARCODE	VARCHAR2(50 BYTE)	Barcode of the patron associated with the request.
PATRON_NAME	VARCHAR2(100 BYTE)	Name of the patron associated with the request.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the request.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the requested item.
TITLE	VARCHAR2(2000 BYTE)	Title of the requested item.
AUTHOR	VARCHAR2(2000 BYTE)	Author of the requested item.
ITEM_CALL_NUMBER	VARCHAR2(60 BYTE)	Call number of the requested item.
LAPSE_DATE	DATE	The date on which the consultation period lapses. Where the lapse date is less than the system date, indicates the item is due to be returned to the stacks.

2.3.6.2.3 ASR_cancelled_v

Field Name	Data Type	Description
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
CANCEL_DATE	DATE	Date of the ASR cancellation.
CANCEL_USER_ID	NUMBER	ID of the user who canceled the request.
CANCEL_REASON_ID	NUMBER(9,0)	System-assigned ID for the cancel_reason.
CANCEL_CODE	VARCHAR2(35 BYTE)	Short code that identifies the cancel_reason.
CANCEL_DESCRIPTION	VARCHAR2(100 BYTE)	Full description of the cancel_reason.
PATRON_BARCODE	VARCHAR2(50 BYTE)	Barcode of the patron associated with the canceled request.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the canceled request.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the item associated with the canceled request.

2.3.6.2.4 ASR_consultation_v

Field Name	Data Type	Description
LOCATION_ID	NUMBER(9,0)	ID of the location.
LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location.
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
PATRON_ID	NUMBER(9,0)	System-assigned ID of the patron associated with the request.
PATRON_BARCODE	VARCHAR2(50 BYTE)	Barcode of the patron associated with the request.
PATRON_NAME	VARCHAR2(100 BYTE)	Name of the patron associated with the request.
SEAT	VARCHAR2(100 BYTE)	Seat designation.
SECONDARY	NUMBER	Indicates a secondary consultation.
CONSULTATION_NOTES	VARCHAR2(1000 BYTE)	Notes regarding the consultation.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the requested item.
TITLE	VARCHAR2(2000 BYTE)	Title of the requested item.
AUTHOR	VARCHAR2(2000 BYTE)	Author of the requested item.
ITEM_CALL_NUMBER	VARCHAR2(60 BYTE)	Call number of the requested item.

2.3.6.2.5 ASR_current_reservations_v

Field Name	Data Type	Description
ACTIVE_ASR_ID	NUMBER(9,0)	System-assigned ID of the active automated stack request.
ACTIVE_PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the requested item.
ACTIVE_LAPSE_DATE	DATE	Date that the active consultation period lapses.
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack reservation.
PATRON_BARCODE	VARCHAR2(50 BYTE)	Barcode of the patron associated with the reserved item.
PATRON_NAME	VARCHAR2(100 BYTE)	Name of the patron associated with the reserved item.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the reserved item.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the item currently reserved.
TITLE	VARCHAR2(2000 BYTE)	Title of the item currently reserved.
AUTHOR	VARCHAR2(2000 BYTE)	Author of the item currently reserved.
ITEM_CALL_NUMBER	VARCHAR2(60 BYTE)	Call number of the item currently reserved.

ASR Views

2.3.6.2.6 ASR_delivered_v

Field Name	Data Type	Description
LOCATION_ID	NUMBER(9,0)	ID of the location.
LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location.
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
EXPECTED_DATE	DATE	Expected date of delivery of the requested item.
ACTUAL_DATE	DATE	Date of delivery of the requested item.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the requested item.
TITLE	VARCHAR2(2000 BYTE)	Title of the requested item.
AUTHOR	VARCHAR2(2000 BYTE)	Author of the requested item.
ITEM_CALL_NUMBER	VARCHAR2(60 BYTE)	Call number of the requested item.

2.3.6.2.7 ASR_delivered_to_room_v

Field Name	Data Type	Description
ACTUAL_DATE	DATE	Date item is delivered to the location.
LOCATION_ID	NUMBER(9,0)	ID of the location.
LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the delivered item.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the requested item.

2.3.6.2.8 ASR_dispatched_from_stack_v

Field Name	Data Type	Description
ACTUAL_DATE	DATE	Date item is dispatched from the stack.
LOCATION_ID	NUMBER(9,0)	ID of the location.
LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the dispatched item.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the dispatched item.

2.3.6.2.9 ASR_event_v

Field Name	Data Type	Description
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the item associated with the ASR event.
EVENT_TYPE	NUMBER(9,0)	Type of ASR event. Values in this field will be one of the following: <ul style="list-style-type: none"> • 0 - Request Placed • 1 - Reservation Placed • 2 - Rerouted • 3 - Canceled • 4 - Change Requested Item • 5 - Slip Printed • 6 - Request Renewed • 7 - Dispatched from Stacks • 8 - Waystation to Reading Room • 9 - Waystation to Stacks • 10 - Received from Stacks • 11 - Issued to Reader • 12 - Received from Reader • 13 - Return to Stacks • 14 - Received from Reading Room • 15 - Retained at Reading Room
EVENT_DESCRIPTION	VARCHAR2(22 BYTE)	Description of the ASR event.
EVENT_DATE	DATE	Date of the ASR event
DAY_OF_WEEK	VARCHAR2(1 BYTE)	Day of the week that the ASR event took place.

ASR Views

Field Name	Data Type	Description
PATRON_BARCODE	VARCHAR2(50 BYTE)	Barcode of the patron associated with the ASR event.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the ASR event
PATRON_TYPE	VARCHAR2(500 BYTE)	Patron type associated with the ASR event.
STACK_LOCATION_ID	NUMBER(9,0)	ID of the stack location.
STACK_LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the stack location.
READING_ROOM_LOCATION_ID	NUMBER(9,0)	ID of the reading room location.
READING_ROOM_NAME	VARCHAR2(500 BYTE)	Name of the reading room.
ITEM_CLASS_ID	NUMBER(5,0)	ID of the item class of the item associated with the ASR event.
ITEM_CLASS	VARCHAR2(500 BYTE)	Item class of the item associated with the ASR event.
USERNAME	VARCHAR2(161)	Username of the user processing the transaction.
TRANSACTION_LOCATION_ID	NUMBER(9,0)	ID of the location where the transaction (ASR event) took place.
TRANSACTION_LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location where the transaction (ASR event) took place.
PLACED_DATE	DATE	Date the stack request took place.

ASR Views

2.3.6.2.10 ASR_expected_at_stack_v

Field Name	Data Type	Description
LOCATION_ID	NUMBER(9,0)	ID of the location.
LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location.
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
EXPECTED_DATE	DATE	Expected date of return of item to the stack. Item is overdue if the expected date is earlier than the system date.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the expected item.
TITLE	VARCHAR2(2000 BYTE)	Title of the expected item.
AUTHOR	VARCHAR2(2000 BYTE)	Author of the expected item.
ITEM_CALL_NUMBER	VARCHAR2(60 BYTE)	Call number of the expected item.

2.3.6.2.11 ASR_expired_v

Field Name	Data Type	Description
LOCATION_ID	NUMBER(9,0)	ID of the location.
LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location.
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
PATRON_BARCODE	VARCHAR2(50 BYTE)	Barcode of the patron associated with the expired request.
PATRON_NAME	VARCHAR2(100 BYTE)	Name of the patron associated with the expired request.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the expired request.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the requested item.
TITLE	VARCHAR2(2000 BYTE)	Title of the requested item.
AUTHOR	VARCHAR2(2000 BYTE)	Author of the requested item.
ITEM_CALL_NUMBER	VARCHAR2(60 BYTE)	Call number of the requested item.
AT_STACK	NUMBER	Indicates that the item is in the stack.

2.3.6.2.12 ASR_in_transit_v

Field Name	Data Type	Description
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
PATRON_BARCODE	VARCHAR2(50 BYTE)	Barcode of the patron associated with the item lost in transit.
PATRON_NAME	VARCHAR2(100 BYTE)	Name of the patron associated with the item lost in transit.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the item lost in transit.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the item lost in transit.
TITLE	VARCHAR2(2000 BYTE)	Title of the item lost in transit.
AUTHOR	VARCHAR2(2000 BYTE)	Author of the item lost in transit.
ITEM_CALL_NUMBER	VARCHAR2(60 BYTE)	Call number of the item lost in transit.
TO_READING_ROOM	NUMBER	Indicates that the item was lost in transit to the reading room.
LAST_ACTIVITY_DATE	DATE	Date of last activity associated with the item lost in transit.

2.3.6.2.13 ASR_item_status_v

Field Name	Data Type	Description
ASR_ID	NUMBER(9,0)	ID of the location.
ITEM_BARCODE	VARCHAR2(50)	Barcode of the requested item.
ASR_ITEM_STATUS	NUMBER	Current status of the item.

ASR Views

2.3.6.2.14 ASR_location_status_v

Field Name	Data Type	Description
LOCATION_ID	NUMBER(9,0)	ID of the location.
LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location.
LOCATION_TYPE	VARCHAR2(13 BYTE)	Type of location: <ul style="list-style-type: none"> • Closed Stacks • Reading Room • Way Station
REQUEST_COUNT	NUMBER	Count of the number of requests.
REQUEST_LIMIT	NUMBER(9,0)	Number of requests allowed at this location.
ENABLED	NUMBER(1,0)	Indicates that the location is active per the setting in the Virtua Profiler.

2.3.6.2.15 ASR_returned_v

Field Name	Data Type	Description
LOCATION_ID	NUMBER(9,0)	ID of the location.
LOCATION_NAME	VARCHAR2(500 BYTE)	Name of the location.
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
EXPECTED_DATE	DATE	Expected date of return of the item.
ACTUAL_DATE	DATE	Actual date of return of the item.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the returned item.
TITLE	VARCHAR2(2000 BYTE)	Title of the returned item.
AUTHOR	VARCHAR2(2000 BYTE)	Author of the returned item.
ITEM_CALL_NUMBER	VARCHAR2(60 BYTE)	Call number of the returned item.

2.3.6.2.16 ASR_route_segments_v

Field Name	Data Type	Description
ROUTE_ID	NUMBER(9,0)	ID of the route segment.
START_LOCATION_ID	NUMBER(9,0)	ID of the starting location.
END_LOCATION_ID	NUMBER(9,0)	ID of the ending location.
POSITION	NUMBER	Position of the route segment in the route.

2.3.6.2.17 ASR_route_status_v

Field Name	Data Type	Description
ROUTE_ID	NUMBER(9,0)	ID of the route.
STACK_ID	NUMBER(9,0)	Location ID of the stack.
STACK_NAME	VARCHAR2(500 BYTE)	Name of the stack location.
READING_ROOM_ID	NUMBER(9,0)	Location ID of the reading room.
READING_ROOM_NAME	VARCHAR2(500 BYTE)	Name of the reading room location.
REQUEST_LIMIT	NUMBER(9,0)	Number of requests allowed on this route.
REQUEST_COUNT	NUMBER	Count of the number of requests.
ENABLED	NUMBER(1,0)	Indicates that the route is active per the setting in the Virtua Profiler.
ALL_LOCATIONS_ACTIVE	NUMBER	Indicates that all locations used by this route are active.

2.3.6.2.18 ASR_route_time_v

Field Name	Data Type	Description
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
ROUTE_ID	NUMBER(9,0)	ID of the route.
STACK_ID	NUMBER(9,0)	Location ID of the stack.
STACK_NAME	VARCHAR2(500 BYTE)	Name of the stack location.
READING_ROOM_ID	NUMBER(9,0)	Location ID of the reading room.
READING_ROOM_NAME	VARCHAR2(500 BYTE)	Name of the reading room location.

Field Name	Data Type	Description
STACK_DATE	DATE	Date the item was in the stack.
READING_ROOM_DATE	DATE	Date the item was in the reading room.
DAYS_IN_TRANSIT	NUMBER	Number of days in transit between the stack and the reading room. The field will also return fractional days; for example, three hours in transit would be returned as 0.125 days.

2.3.6.2.19 ASR_route_traffic_v

Field Name	Data Type	Description
ROUTE_ID	NUMBER(9,0)	ID of the route.
STACK_ID	NUMBER(9,0)	Location ID of the stack.
STACK_NAME	VARCHAR2(500 BYTE)	Name of the stack location.
READING_ROOM_ID	NUMBER(9,0)	Location ID of the reading room destination
READING_ROOM_NAME	VARCHAR2(500 BYTE)	Name of the reading room destination
ASR_ID	NUMBER(9,0)	System-assigned ID of the automated stack request.
ITEM_BARCODE	VARCHAR2(50 BYTE)	Barcode of the routed item.
PATRON_TYPE_ID	VARCHAR2(100 BYTE)	System-assigned ID of the patron type associated with the routed item.
ACTIVE	NUMBER	Indicates that the ASR is still active.

ASR Views

2.3.7 Chamo Views

The Chamo views provide an easily accessible interface to tables used in Chamo.

For your reference when creating queries to extract data from the Chamo views, the following information is provided:

- A list and brief description of each view.
- A list and brief description of each field included in the views.

2.3.7.1 List of Chamo Views

The following Chamo views are available.

- [Bib_Saved_List_Entry_v](#) - Provides information about the entries to Bibliographic Saved Lists.
- [Bib_Saved_List_v](#) - Reports on elements and aspects of Bibliographic Saved Lists.
- [Copy_Saved_List_Entry_v](#) - Provides information about the entries to Copy Saved Lists.
- [Copy_Saved_List_v](#) - Reports on elements and aspects of Copy Saved Lists.
- [Patron_NCOA_Audit_v](#) - Logs NCOA update information when the Patron NCOA Updates parameter in the Virtua Profiler is set.
- [Patron_Saved_List_Entry_v](#) - Provides information about the entries to Patron Saved Lists.
- [Patron_Saved_List_v](#) - Reports on elements and aspects of Patron Saved Lists.
- [Patron_Session_v](#) - Provides data gathered from the logging of remote patron usage of Chamo.

2.3.7.2 Description of the Fields in the Chamo Views

This section lists and briefly describes the fields that appear in the Chamo views. For each view, there is a table with the following information about the fields in the view:

- **Field Name** - The name of the field in the view.
- **Data Type** - The type of data the field can store.
- **Description** - A brief description of the data contained in the field.

2.3.7.2.1 Bib_Saved_List_Entry_v

Field Name	Data Type	Description
List_ID	NUMBER(9,0)	ID of the bibliographic saved list.
Bib_ID	NUMBER(9,0)	ID of the bibliographic record entry in the saved list.
Location	VARCHAR2(500)	Location associated with the entry.
Creator	VARCHAR2(80)	Username of the person who added the entry.
Creation_Date	DATE	Date the entry was made to the saved list.

2.3.7.2.2 Bib_Saved_List_v

Field Name	Data Type	Description
List_ID	NUMBER(9,0)	ID of the bibliographic saved list.
Name	VARCHAR2(255)	Name of the saved list.
Description	VARCHAR2(2000)	Description of the saved list.
Location	VARCHAR2(500)	Location associated with the saved list.
Creator	VARCHAR2(80)	Username of the person who created the saved list.
Creation_Date	DATE	Date the saved list was created.
Last_Modified_By	VARCHAR2(80)	Username of the person who last modified the saved list.
Last Modified_Date	DATE	Date the saved list was last modified.
List_Group	VARCHAR2(150)	Indicates the group to which the saved list belongs.
Frozen	NUMBER(1)	Indicates whether the save list is frozen: 0 – Not frozen 1 – Frozen
Deleted	NUMBER(1)	Indicates whether the saved list has been deleted. 0 – Not deleted 1 – Deleted

2.3.7.2.3 Copy_Saved_List_Entry_v

Field Name	Data Type	Description
List_ID	NUMBER(9,0)	ID of the copy saved list.
Item_ID	NUMBER(9,0)	ID of the item record entry in the copy saved list
Location	VARCHAR2(500)	Location associated with the entry.
Creator	VARCHAR2(80)	Username of the person who added the entry.
Creation_Date	DATE	Date the entry was made to the copy saved list.
Label_Count	NUMBER(9,0)	Number of labels to print for an item.

2.3.7.2.4 Copy_Saved_List_v

Field Name	Data Type	Description
List_ID	NUMBER(9,0)	ID of the copy saved list.
Name	VARCHAR2(255)	Name of the copy saved list.
Description	VARCHAR2(2000)	Description of the copy saved list.
Location	VARCHAR2(500)	Location associated with the copy saved list.
Creator	VARCHAR2(80)	Username of the person who created the copy saved list.
Creation_Date	DATE	Date the copy saved list was created.
Last_Modified_By	VARCHAR2(80)	Username of the person who last modified the copy saved list.
Last Modified_Date	DATE	Date the copy saved list was last modified.
Workflow	VARCHAR2(10)	List workflow: <ul style="list-style-type: none"> • Withdrawal • LOLM • None
Withdrawal_Type	VARCHAR2(13)	Type of withdrawal: <ul style="list-style-type: none"> • Unserviceable • Long Overdue • Lost and Paid • Missing
Withdrawal_Quarter	VARCHAR2(7)	The quarter in which the list was withdrawn specified as, for example, Q4 2011
Withdrawal_Authority	VARCHAR2(187)	Withdrawal authority.
List_Group	VARCHAR2(150)	Indicates the group to which the saved list belongs.

Field Name	Data Type	Description
Frozen	NUMBER(1)	Indicates whether the save list is frozen: 0 – Not frozen 1 – Frozen
Deleted	NUMBER(1)	Indicates whether the saved list has been deleted. 0 – Not deleted 1 – Deleted

2.3.7.2.5 Patron_NCOA_Audit_v

Field Name	Data Type	Description
Batch_ID	VARCHAR2(200)	ID of the batch of data submitted to Virtua.
Detail	CLOB	Data received from the NCOA service.
District	VARCHAR2(2)	District code as defined in the Virtua Profiler.
Error	VARCHAR2(200)	Error message associated with the NCOA update.
HKID_Number	VARCHAR2(50)	HKID Number
ID	NUMBER(9,0)	ID of the database row.
Library_Card_Number	VARCHAR2(50)	Number of the library card.
New_Primary_Address	VARCHAR2(2000)	New primary address of the patron.
New_Secondary_Address	VARCHAR2(2000)	New secondary address of the patron.
Number_Type	VARCHAR2(1)	Type of ID used: L (Library Card) H (HKID)
Password	VARCHAR2(50)	Password submitted by the patron in association with the update.
Patron_ID	NUMBER(9,0)	System-assigned ID of the patron associated with the update.
Status	VARCHAR2(1)	Virtua response as to whether update was received: Y N
Timestamp	DATE	Time and date of the NCOA update.
Transaction ID	VARCHAR2(200)	NCOA transaction reference number

2.3.7.2.6 Patron_Saved_List_Entry_v

Field Name	Data Type	Description
List_ID	NUMBER(9,0)	ID of the patron saved list.
Patron_ID	NUMBER(9,0)	ID of the patron record entry in the saved list.
Location	VARCHAR2(500)	Location associated with the entry.
Creator	VARCHAR2(80)	Username of the person who added the entry.
Creation_Date	DATE	Date the entry was made to the saved list.

2.3.7.2.7 Patron_Saved_List_v

Field Name	Data Type	Description
List_ID	NUMBER(9,0)	ID of the patron saved list.
Name	VARCHAR2(255)	Name of the saved list.
Description	VARCHAR2(2000)	Description of the saved list.
Location	VARCHAR2(500)	Location associated with the saved list.
Creator	VARCHAR2(80)	Username of the person who created the saved list.
Creation_Date	DATE	Date the saved list was created.
Last_Modified_By	VARCHAR2(80)	Username of the person who last modified the saved list.
Last Modified_Date	DATE	Date the saved list was last modified.
List_Group	VARCHAR2(150)	Indicates the group to which the saved list belongs.
Frozen	NUMBER(1)	Indicates whether the save list is frozen: 0 – Not frozen 1 – Frozen
Deleted	NUMBER(1)	Indicates whether the saved list has been deleted. 0 – Not deleted 1 – Deleted

2.3.7.2.8 Patron_Session_v

Field Name	Data Type	Description
Session_ID	VARCHAR2(100)	System-assigned ID for the Chamo session.
Location	VARCHAR2(500)	Location of the theme that the patron logged in at.
IP_Address	VARCHAR2(100)	IP address of the workstation used by the patron.
Patron_ID	NUMBER(9)	System-assigned ID of the patron (tag 001 of the patron record)
Login_Time	DATE	Date and time of the patron log-in to Chamo to start the session.
Logout_Time	DATE	Date and time that the patron logged out of Chamo to end the session.

2.3.8 LoC-specific Views

The LoC-specific views provide an easily accessible interface to tables and data used by the LoC OFORS system.

2.3.8.1 List of the LoC-specific Views

The following views are specific to LoC:

- [LoC_Acq_Claim_Deletion_Reason_v](#)
- [LoC_Bib_Data_v](#)
- [LoC_Bulk_Serials_Claims_v](#)
- [LoC_Circular_v](#)
- [LoC_Circular_BI_v](#)
- [LoC_Circular_Log_v](#)
- [LoC_Deleted_Item_v](#)
- [LoC_Deletion_Reason_v](#)
- [LoC_Fund_Account_v](#)
- [LoC_Invoice_Detail_Issue_v](#)
- [LoC_Issue_Group_v](#)
- [LoC_Location_v](#)
- [LoC_Operation_Log_v](#)
- [LoC_Participant_v](#)
- [LoC_Participant_Block_v](#)
- [LoC_Participant_Group_v](#)
- [LoC_Participant_Group_Link_v](#)
- [LoC_Participant_Profile_v](#)
- [LoC_Participant_Profile_Log_v](#)
- [LoC_Participant_Resp_Circ_v](#)
- [LoC_Participant_Resp_BI_v](#)
- [LoC_Payment_Header_v](#)
- [LoC_PO_Detail_v](#)
- [LoC_PO_Detail_Location_v](#)
- [LoC_PO_Detail_Volume_v](#)
- [LoC_Purchase_Request_v](#)
- [LoC_Receipt_v](#)
- [LoC_Ser_Claim_Deletion_Reason_v](#)
- [LoC_Sub_Profile_v](#)

- [LoC_Sub_Profile_Copy_v](#)
- [LoC_Sub_Profile_Link_v](#)
- [LoC_Sub_Profile_Row_v](#)
- [LoC_Vendor_v](#)

2.3.8.1.1 LoC_Acq_Claim_Deletion_Reason_v

Field Name	Data Type	Description
Claim_ID	NUMBER(9)	Internal ID of the claim that was deleted.
Deletion_Date	DATE	The date that the claim was deleted.
Poid	NUMBER(9)	The internal ID of the order that was linked to the claim.
Polineno	NUMBER(9)	The line number that was linked to the claim.
Reason	VARCHAR2(150)	Identifies the reason that the claim was deleted.
Sequence	NUMBER(9)	The sequence number of the claim on this order or line.
User_Name	VARCHAR2(80)	The user that deleted the claim.

2.3.8.1.2 LoC_Bib_Data_v

Field Name	Data Type	Description
Base_Unit_Price	NUMBER(25,10)	The price derived by multiplying the currency rate by the foreign unit price to determine the current USD price.
Bib_ID	NUMBER(9)	The system ID of the bibliographic record stored in the 001 tag of the record.
City	VARCHAR2(80)	The city as specified in the BI tag 998 e.
Continuation	VARCHAR2(12)	Indicates whether the bib record is to be ordered as a continuation or a monograph – as specified in the BI tag 998 h: 0 - Monograph 1 - Continuation
Country	VARCHAR2(3)	The three-letter country code as specified in the BI tag 998 d.
Currency	VARCHAR2(80)	The currency, as specified in the BI tag 990 b, associated with the unit price of the bib record.
Foreign_Unit_Price	NUMBER(25,10)	The price of the bib record derived from the BI tag 998 a.
Selection_Level	VARCHAR2(80)	The selection level as specified in the BI tag 998 c.
Status	VARCHAR2(40)	The status of the BI as specified in tag 998 f.

2.3.8.1.3 LoC_Bulk_Serials_Claims_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	The system ID for the bibliographic record.
Creation_Date	DATE	The date the claim was created.
Issue	VARCHAR2(2000)	The display form of the enumeration and chronology.
Location	VARCHAR2(500)	Location listed in the 852 \$b tag of the holdings record.
Number_Of_Copies	NUMBER	The number of copies associated with the claim.
Order_Line_Number	VARCHAR2(81)	The purchase order line number associated with the claim.
Close_Reason	VARCHAR2(2000)	The reason the claim was closed.
Sequence_Number	NUMBER(9)	The sequence number of the claim on the issue or record.
Status	VARCHAR2(26)	Indicates the status of the claim: 0 - None 1 - Waiting 2 - Created 3 - Transmitted 4 - Filled 5 - Canceled 6 - Unable to fulfill 7 - Seeking other alternatives 8 - Draft 9 - Deleted Unknown
Title	VARCHAR2(2000)	The title of the serial bibliographic record.
Transmission_Date	DATE	The date that the claim was transmitted.
Vendor	VARCHAR2(726)	The name of the vendor associated with the issue.

2.3.8.1.4 LoC_Circular_v

Field Name	Data Type	Description
Circular_Number	VARCHAR2(80)	The circular number defined by the creator; the number must match an office-specific pattern.
Closed_Date	DATE	The date the circular was closed.
Closed_Notes	VARCHAR2(2000)	Notes regarding why a circular was manually closed.
Creation_Date	DATE	The date the circular was created.
Deletion_Reason	VARCHAR2(150)	The reason the circular was deleted
General_Notes	VARCHAR2(2000)	General notes regarding the circular.
Last_Activity_Date	DATE	The date of the last activity regarding the circular.
Order_Status	VARCHAR2(13)	The order status associated with this circular: <ul style="list-style-type: none"> • Fulfilled • Not Fulfilled Note: All of the ordered BIs on the circular have to have the status of Fully Received in order for the circular to have the order_status of Fulfilled.
Order_Type	VARCHAR2(15)	The order type of the circular: <ul style="list-style-type: none"> 0 - Monograph 1 - Serial 2 - Standing Order 3 - Monographic Set 4 - Planned Order 5 - Multi-volume

Field Name	Data Type	Description
Payment_Type	NUMBER(2)	The payment type that should be assigned to orders created from the circular. Possible values: 0 - Standard 1 - Exchange 2 - Gift 3 - Prepaid special 4 - Deposit
Status	VARCHAR2(14)	Status of the circular: 0 - Draft 1 - Needs Approval 2 - Approved 3 - Closed 4 - Deleted
Title	VARCHAR2(200)	Name of the circular, defined by the creator.
Type	VARCHAR2(26)	Type of circular: 0 - Books 1 - Music 2 - Computer Files/E-resources 3 - Continuing Resources 4 - Maps 5 - Visual Materials 6 - Mixed Materials

2.3.8.1.5 LoC_Circular_Bi_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	The Bib ID of the bibliographic record attached to the circular.
Circular_Number	VARCHAR2(80)	The circular number defined by the creator; the number must match an office-specific pattern.
Circular_Title	VARCHAR2(200)	Name of the circular as defined by the creator.
Purchase_Order	NUMBER(9)	The purchase order number associated with the BI.
Purchase_Order_Line_Number	NUMBER(5)	The purchase order line number associated with the BI.
Received_Status	VARCHAR2(18)	The received status of the BI: <ul style="list-style-type: none"> • Not ordered • Order • Partially Received • Received
Special_Processing	VARCHAR2(12)	Specifies whether the circular requires special processing: 0 - No special processing required 1 - Special processing required
Special_Processing_Notes	VARCHAR2(2000)	Notes associated with special processing.
Vendor_Name	VARCHAR2(726)	The name of the vendor associated with the BI.

2.3.8.1.6 LoC_Circular_Log_v

Field Name	Data Type	Description
Circular_Log_Id	NUMBER(9)	A unique number that identifies each row in the table.
Circular_Id	NUMBER(9)	The ID of the circular associated with the action.
Circular_Number	VARCHAR2(80)	The alphanumeric code that identifies the circular associated with the action.
Action_Performed	VARCHAR2(6)	The type of action performed: 0 - Create 1 - Modify 2 - Close 3 - Delete
Date_Performed	DATE	The date the action was performed.
User_Name	VARCHAR2(80)	The name of the user who performed the action.

2.3.8.1.7 LoC_Deletion_Reason_v

Field Name	Data Type	Description
Code	VARCHAR2(35)	The code of the reason for deletion.
Description	VARCHAR2(100)	The description of the reason for deletion
Type	VARCHAR2(8)	The type of record associated with the reason for deletion: 0 - order 1 - invoice 2 - payment 3 - claims 4 - bib 5 - item 6 - profile 7 - circular

2.3.8.1.8 LoC_Invoice_Detail_Issue_v

Field Name	Data Type	Description
Invoice_Line_ID	NUMBER(9)	The invoice line number associated with the issue.
Issue_ID	NUMBER(9)	The ID number of the issue.
Price	NUMBER(25,10)	The amount invoiced for the issue.

2.3.8.1.9 LoC_Issue_Group_v

Field Name	Data Type	Description
Group_ID	NUMBER(9)	The system-generated issue_ID belonging to one of the issues in the group.
Issue_ID	NUMBER(9)	The system generated issue_ID specific to a serial issue.
Order_Line_ID	NUMBER(9)	The system generated ID specific to the purchase order line associated with an issue.

2.3.8.1.10 LoC_Location_v

Field Name	Data Type	Description
Active	VARCHAR2(8)	Indicates whether the location is active: 0 - Inactive 1 - Active
Distribution_Priority	NUMBER(9)	The priority of this location for distribution purposes.
Location	VARCHAR2(500)	Name of the location

2.3.8.1.11 LoC_Participant_v

Field Name	Data Type	Description
Allow_Special_Bill	VARCHAR2(11)	Indicates whether the participant is allowed special bills as determined by LOC. 0 - Not allowed 1- Allowed.
Default_Bind	VARCHAR2(7)	Indicates the participant’s default preference for binding. 0 - No bind 1 - Bind.
Default_Ship_Method	VARCHAR2(80)	The participant’s default shipping preference.
Email_Circular_Closed	VARCHAR2(20)	Indicates whether to e-mail the participant when a circular they are attached to is manually closed: 0 - Do NOT send an email 1 - Send an email
Email_Circular_Published	VARCHAR2(17)	Indicates whether to e-mail the participant when a new circular is published: 0 - Do NOT send an email 1 - Send email
Participant_Name	VARCHAR2(601)	The name of the participant.
Receive_All_Circulars	VARCHAR2(28)	Indicates whether the patron receives all new circulars published: 0 - Do NOT receive all circulars 1 - Receive all circulars

2.3.8.1.12 LoC_Operation_Log_v

Field Name	Data Type	Description
Additional_Info	NUMBER(9)	Additional information about the command (often a record ID number or similar information)
Command	VARCHAR2(16)	The command that was issued: OPAC. Reserved range of 1-20. 1 - Browse 2 - Control Number 3 - Keyword 4 - Boolean 5 - Keyword Heading 6 - Portal Download Cataloging. Reserved range of 21 - 50. 21 - Delete Bib 22 - Delete Authority 23 - Delete Item 24 - Delete Holdings 25 - Delete Participant 26 - Delete Vendor 27 - Save Bib 28 - Save Authority 29 - Save Item 30 - Save Holdings 31 - Save Participant 32 - Save Vendor 33 - Union Merge 34 - Union AL

Field Name	Data Type	Description
Command (cont'd)		35 - Union DL 36 - Record Creation <i>The following ranges are reserved, but not currently implemented.</i> Circulation. Reserved range of 51 - 70 51 - Participant Info 52 - Item Reserve Serials. Reserved range of 71 - 90. 71 - Add Issue 72 - Modify Issue 73 - Checkin Issue 74 - Delete Issue Acquisitions. Reserved range of 91 - 130. 91 - Add Account 92 - Add Claim 93 - Add Credit 94 - Add Invoice 95 - Add Payment 96 - Add PO 97 - Add Receive 98 - Delete Account 99 - Delete Claim 100 - Delete Credit 101 - Delete Invoice 102 - Delete PO 103 - Delete Receipt 104 - Modify Account 105 - Modify Claim 106 - Modify Credit 107 - Modify Invoice 108 - Modify Payment 109 - Modify PO 110 - Modify Receipt 111 - Cancel PO 112 - Transmit Claim 113 - Transmit PO 114 - Transfer Account"



Field Name	Data Type	Description
Command (cont'd)		108 - Modify Payment 109 - Modify PO 110 - Modify Receipt 111 - Cancel PO 112 - Transmit Claim 113 - Transmit PO 114 - Transfer Account Unknown Command
IP_Address	NUMBER(10)	Holds the IP address (as a net-order integer) of the client computer that issued the command.
Logon_Location	VARCHAR2(500)	The log-on location of the user that issued the command.
Logon_Location_Code	NUMBER(9)	The code of the log-on location of the user that issued the command.
Operation_Log_ID	NUMBER(9)	The unique number that can identify each row in the table.
Response_Time_In_Milliseconds	NUMBER(9)	The time it took to perform the command, in milliseconds (999,999,999 ms is over 11.5 days)
Timestamp	DATE	Holds the date/time stamp of when each command was executed/recorded.
User_Name	VARCHAR2(161)	The username of the user that issued the command.

2.3.8.1.13 LoC_Participant_Block_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	The system ID of the bibliographic record associated with the order.
Block_Date	DATE	The date the block took place.
Currency	VARCHAR2(80)	The currency associated with the price of the order.
Location	VARCHAR2(500)	The location/participant the block is associated with.
Participant_Block_ID	NUMBER(9)	The system-generated ID for the block.
Poid	NUMBER(9)	The purchase order ID.
Price	NUMBER(25,10)	The price of the participant's order.
Quantity_Ordered	NUMBER(9)	The quantity of items ordered.
Reason	VARCHAR2(14)	Indicates the reason the order was blocked: 0 - Inactive 1 - Funds depleted Other
Vendor	VARCHAR2(726)	The vendor associated with the order.

2.3.8.1.14 LoC_Participant_Group_v

Field Name	Data Type	Description
Group_ID	NUMBER(9)	The system ID of the participant group.
Group_Name	VARCHAR2(80)	The name of the participant group.

2.3.8.1.15 LoC_Participant_Group_Link_v

Field Name	Data Type	Description
Group_Name	VARCHAR2(80)	The name of the participant group.
Participant_Name	VARCHAR2(601)	The name of the participant linked to the group.

2.3.8.1.16 LoC_Participant_Profile_v

Field Name	Data Type	Description
Approved	VARCHAR2(3)	Indicates if the participant profile has been approved: 0 - No (<i>Default</i>) 1 - Yes
Creation_Date	DATE	The date the profile was created.
Currency	VARCHAR2(80)	The currency indicated if the unit_price range search is selected.

Field Name	Data Type	Description
Default_Bind	VARCHAR2(10)	Indicates the participant's default bind preference: 0 - No bind 1 - Bind.
Default_Quantity	NUMBER(9)	The participant's default quantity of items to be used for orders.
Default_Ship_Method	VARCHAR2(80)	The participant's default shipping preference.
Deletion_Reason	VARCHAR2(150)	The reason the profile was deleted.
Effective_Date	DATE	The date the profile will be eligible for Acquisitions ordering.
Notes	VARCHAR2(2000)	Notes regarding the participant.
Participant_Name	VARCHAR2(601)	The name of the participant associated with the profile.
Profile_Name	VARCHAR2(80)	The user-defined name created for the profile.
Publication_Year_End	NUMBER(4)	The ending year for a publication date range search.
Publication_Year_Start	NUMBER(4)	The starting year for a publication date range search.
Status	VARCHAR2(14)	Indicates the current status of the profile: 0 Inactive 1 Active 2 Trial 3 Needs Approval 4 Disapproved 5 Deleted
Unit_Price_End	NUMBER(25,10)	The ending price for a price range search.
Unit_Price_Start	NUMBER(25,10)	The starting price for a price range search.

2.3.8.1.17 LoC_Participant_Profile_Log_v

Field Name	Data Type	Description
Participant_Profile_Id	NUMBER(9)	The ID of the participant profile.
Participant_Profile_Name	VARCHAR2(80)	The name of the participant profile.
Action_Performed	VARCHAR2(11)	The type of action. 0 - Create 1 - Modify 2 - Deactivate 3 - Delete
Date_Performed	DATE	The date the action was performed.
User_Name	VARCHAR2(80)	The name of the staff user who performed the action.
Participant_Name	VARCHAR2(601)	The name of the participant associated with the profile.
Participant_Profile_Log_Id	NUMBER(9)	A unique number that identifies each row in the table.

2.3.8.1.18 Loc_Participant_Resp_BI_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	The system ID of the bibliographic record taken from the 001 tag.
Bind	VARCHAR2(3)	Indicates whether the item needs binding: 0-No 1-Yes.
Circular_Name	VARCHAR2(200)	The user-defined name of the circular.
Notes	VARCHAR2(2000)	Notes associated with the participant's response to the circular/BI.
Number_Of_Copies	NUMBER(9)	The number of copies requested for the BI.

Field Name	Data Type	Description
Participant_Name	VARCHAR2(601)	The name of the participant.
Shipping_Method	VARCHAR2(80)	The shipping method used for items associated with BI.
Special_Bill	VARCHAR2(3)	Indicates whether a special bill is needed for these items: 0-No 1-Yes

2.3.8.1.19 LoC_Participant_Resp_Circ_v

Field Name	Data Type	Description
Circular_Name	VARCHAR2(200)	The user-defined name of the circular.
Participant_Name	VARCHAR2(601)	The name of the participant.
Status	VARCHAR2(9)	The status of the participant’s response: 0-None 1-Draft 2-Submitted.

2.3.8.1.20 LoC_Ser_Claim_Deletion_Reason_v

Field Name	Data Type	Description
Claim_ID	NUMBER(9)	Internal ID of the claim that was deleted.
Deletion_Date	DATE	The date that the claim was deleted.
Holdings_ID	NUMBER(9)	The ID of the holdings record that was linked to the claim.



Field Name	Data Type	Description
Issue_ID	NUMBER(9)	The ID of the issue that was linked to the claim.
Reason	VARCHAR2(150)	Identifies the reason that the claim was deleted.
Sequence	NUMBER(9)	The sequence number of the claim on this serial.
User_Name	VARCHAR2(80)	The user that deleted the claim.

2.3.8.1.21 LoC_Sub_Profile_v

Field Name	Data Type	Description
Created_By_Participant	VARCHAR2(601)	The participant who created the subprofile.
Created_By_User	VARCHAR2(80)	The staff user who created the subprofile.
Creation_Date	DATE	The date the subprofile was created.
Is_Deleted	VARCHAR2(3)	Indicates if the subprofile has been deleted: 0 - No 1 - Yes
Deletion_Date	DATE	The date the subprofile was deleted.
Deleted_By_User	VARCHAR2(80)	The staff user who deleted the subprofile.
Deleted_By_Participant	VARCHAR2(601)	The participant who deleted the subprofile.
Name	VARCHAR2(80)	The name of the subprofile as defined by the creator.
Notes	VARCHAR2(2000)	Notes regarding the subprofile.
Sub_Profile_ID		The ID number of the subprofile.

2.3.8.1.22 LoC_Sub_Profile_Copy_v

Field Name	Data Type	Description
Bind	VARCHAR2(3)	Indicates whether copies associated with this subprofile need binding: 0 – No 1 – Yes
Copy_Number	NUMBER(9)	The index number used to distinguish each physical copy per order.
Notes	VARCHAR2(2000)	Any notes associated with the participant’s profile linked to the sub profile.
Participant_Profile	VARCHAR2(80)	Name of the participant profile linked to the subprofile.
Shipping_Method	VARCHAR2(80)	Shipping method used for the copies associated with this subprofile.
Sub_Profile	VARCHAR2(80)	The name of the subprofile as defined by the creator.

2.3.8.1.23 LoC_Sub_Profile_Link_v

Field Name	Data Type	Description
Participant_Profile	VARCHAR2(80)	The name of the participant profile linked to this subprofile.
Sub_Profile	VARCHAR2(80)	The name of the subprofile as defined by the creator.

2.3.8.1.24 LoC_Sub_Profile_Row_v

Field Name	Data Type	Description
Category	VARCHAR2(23)	The category assigned to the subprofile row: 0 - Country 1 - City 2 - Language 3 - TypeOfMaterial 4 - Publisher 5 - ProfileSubject 6 - Aboutness 7 - SelectionLevel 8 - Unassigned 1(Tag 998) 9 - Unassigned 2 (Tag 998) 10 - Unassigned 3 (Tag 998) 11 - Title
Operator	VARCHAR2(29)	The mathematical operator used in the row: 0 - EQ (Equal to) 1 - LT (Less than) 2 - GT (Greater than) 3 - GE (Greater than or equal to) 4 - LE (Less than and equal to) 5 - NE (Not equal to) 6 - BE (Begins with) 7 - CO (Contains)
Row_Values	VARCHAR2(4000)	Delimited list of values in each row.
Sub_Profile_Name	VARCHAR2(80)	Name of the subprofile.

2.3.9 BRO-specific Views

The BRO-specific views provide an easily accessible interface to tables and data used by the Books Registration Office record management system, which is under the administration of the Hong Kong Public Libraries.

2.3.9.1 List of the BRO-specific Views

The following views are specific to the HKPL-managed Books Registration Office:

BRO_Bibliographic_Record_View_v
BRO_Catalog_Serial_Number_v
BRO_Deleted_Holding_Issues_v
BRO_ISBN_Book_Industry_v
BRO_ISBN_Country_Code_v
BRO_ISBN_Publisher_ID_Range_v
BRO_Number_v
BRO_Printer_Authority_v
BRO_Publisher_Authority_v
BRO_Serials_Issue_v

2.3.9.1.1 BRO_Bibliographic_Record_View_v

Field Name	Data Type	Description
Bib_ID	NUMBER(9)	The ID of the bibliographic record that the BRO number is stored in.
Author	VARCHAR2(2000)	The author of the bibliographic record that the BRO number is stored in.
Title	VARCHAR2(2000)	The title of the bibliographic record that the BRO number is stored in.
Series_Title	VARCHAR2(4000)	The series title (tag 490a) of the bibliographic record that the BRO number is stored in.
Multi_Volume_Title	VARCHAR2(4000)	The multi-volume title (tag 441a) of the bibliographic record that the BRO number is stored in.
Publisher	VARCHAR2(100)	The publisher associated with the bibliographic record that the BRO number is stored in.
Vendor	VARCHAR2(4000)	The vendor (tag 264b) associated with the bibliographic record that the BRO number is stored in.
Printer	VARCHAR2(4000)	The printer (tag 960a) associated with the bibliographic record that the BRO number is stored in.
BRO_Number	NUMBER(9)	The BRO number assigned to the bibliographic record.
ISSN	VARCHAR2(10)	The ISSN of the bibliographic record that the BRO number is stored in.
ISBN	VARCHAR2(13)	The ISBN of the bibliographic record that the BRO number is stored in.

Field Name	Data Type	Description
ISBN_Publisher_Prefix	VARCHAR2(4000)	The ISBN Publisher Prefix (tag 920a) associated with the bibliographic record that the BRO number is stored in.
ISBN_Publisher_Prefix_Date	VARCHAR2(4000)	The date of the ISBN Publisher Prefix (tag 920y) associated with the bibliographic record that the BRO number is stored in.
Subject	VARCHAR2(2000)	The subject of the bibliographic record that the BRO number is stored in.
Call_Number	VARCHAR2(726)	The call number of the bibliographic record that the BRO number is stored in.

2.3.9.1.2 BRO_Catalog_Serial_Number_v

Field Name	Data Type	Description
Bib_ID	Number(9)	The ID of the bibliographic record that the BRO catalog serial number is stored in.
Catalog_Serial_Number	Number(9)	The catalog serial number, which is stored in the bibliographic record (995 tag).
Year	Number(9)	The year that the catalog serial number was assigned.

2.3.9.1.3 BRO_Deleted_Holding_Issues_v

Field Name	Data Type	Description
Holdings_ID	NUMBER(9)	The ID of the holdings record that the issue is attached to.
Serial_Title	VARCHAR2(2000)	The title of the serial.
Enumeration_Chronology_Info	VARCHAR2(2000)	Enumeration and Chronology information for the issue.
Issue_Expected_Date	DATE	The date the issue was expected.
Issue_Received_Date	DATE	The date the issue was received.
Issue_Delete_Date	DATE	The date the issue was deleted.

2.3.9.1.4 BRO_ISBN_Book_Industry_v

Field Name	Data Type	Description
ISBN_Book_Industry_ID	NUMBER(9)	Synthetic Primary Key generated by Oracle.
Code	NUMBER(3)	The three-digit code that identifies the book industry.
Description	VARCHAR2(500)	The user-defined description of the book industry.

2.3.9.1.5 BRO_ISBN_Country_Code_v

Field Name	Data Type	Description
ISBN_Country_Code_ID	NUMBER(9)	Synthetic Primary Key generated by Oracle.
Code	NUMBER(3)	The three-digit code that identifies the country.
Description	VARCHAR2(500)	The description corresponding to the country code.

2.3.9.1.6 BRO_ISBN_Publisher_ID_Range_v

Field Name	Data Type	Description
ISBN_Publisher_ID_Range_ID	NUMBER(9)	Synthetic Primary Key generated by Oracle.
Start_ID	NUMBER(5)	The starting ID of the range available to a publisher
End_ID	NUMBER(5)	The ending ID of the range available to a publisher
Next_ID	NUMBER(5)	The next ID within the range that should be generated for the publisher.
Active	VARCHAR2(3)	Indicates if the publisher ID range can be used: 0 – No, cannot be used. 1 – Yes, can be used.
ISBN_Book_Industry_Code	NUMBER(3)	The code for the book industry that the publisher ID range is associated with.
ISBN_Country_Code	NUMBER(3)	The country code that the publisher ID range is associated with

2.3.9.1.7 BRO_Number_v

Field Name	Data Type	Description
BRO_Number_ID Error! Bookmark not defined.	NUMBER(9)	Synthetic Primary Key generated by Oracle.
Bib_ID	NUMBER(9)	The ID of the bibliographic record that the BRO number is stored in.
Year	NUMBER(4)	The Year segment of the BRO number.
Sequence	NUMBER(5)	The Sequence segment of the BRO number.

2.3.9.1.8 BRO_Printer_Authority_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	System ID of the authority record (tag 001) for the printer.
Record_Creation_Date	DATE	The date the authority record entered the database. Duplicated in tag 039 subfield \$y.
Language_Of_Authority	VARCHAR2(4000)	The language of the authority record.
Printer	VARCHAR2(2000)	The valid name of the printer that is under authority control.
Invalid_Form_Of_Printer_Name	VARCHAR2(2000)	The invalid form of the printer name.
Alternate_Name	VARCHAR2(2000)	The alternate name for the printer.
Contact_Person_English	VARCHAR2(4000)	The English contact person for the printer.
Contact_Person_Chinese	VARCHAR2(4000)	The Chinese contact person for the printer.
Alt_Contact_Person_English	VARCHAR2(4000)	Self-explanatory.
Alt_Contact_Person_Chinese	VARCHAR2(4000)	Self-explanatory.
Main_Address_English	VARCHAR2(4000)	Self-explanatory.
Main_Address_Chinese	VARCHAR2(4000)	Self-explanatory.
Alt_Address_English	VARCHAR2(4000)	Self-explanatory.
Alt_Address_Chinese	VARCHAR2(4000)	Self-explanatory.
Telephone_Number_English_1	VARCHAR2(4000)	Self-explanatory.
Telephone_Number_English_2	VARCHAR2(4000)	Self-explanatory.
Telephone_Number_Chinese_1	VARCHAR2(4000)	Self-explanatory.
Telephone_Number_Chinese_2	VARCHAR2(4000)	Self-explanatory.
Fax_Number_English_1	VARCHAR2(4000)	Self-explanatory.

Field Name	Data Type	Description
Fax_Number_English_2	VARCHAR2(4000)	Self-explanatory.
Fax_Number_Chinese_1	VARCHAR2(4000)	Self-explanatory.
Fax_Number_Chinese_2	VARCHAR2(4000)	Self-explanatory.
Email_Address_English_1	VARCHAR2(4000)	Self-explanatory.
Email_Address_English_2	VARCHAR2(4000)	Self-explanatory.
Email_Address_Chinese_1	VARCHAR2(4000)	Self-explanatory.
Email_Address_Chinese_2	VARCHAR2(4000)	Self-explanatory.

2.3.9.1.9 BRO_Publisher_Authority_v

Field Name	Data Type	Description
Auth_ID	NUMBER(9)	System ID of the authority record (tag 001) for the publisher.
Record_Creation_Date	DATE	The date the authority record entered the database. Duplicated in tag 039 subfield \$y.
Language	VARCHAR2(4000)	The language of the authority record.
Publisher	VARCHAR2(2000)	The valid name of the publisher that is under authority control.
Invalid_Form_Of_Publisher_Name	VARCHAR2(2000)	The invalid form of the publisher name.
Alternate_Name	VARCHAR2(2000)	The alternate name for the publisher.
ISBN_Contact_Person_English	VARCHAR2(4000)	The English contact person for the publisher at the ISBN agency.
ISBN_Contact_Person_Chinese	VARCHAR2(4000)	The Chinese contact person for the publisher at the ISBN agency.
Main_Contact_Person_English	VARCHAR2(4000)	The English contact person for the publisher.
Main_Contact_Person_Chinese	VARCHAR2(4000)	The Chinese contact person for the publisher.
Alt_Contact_Person_English	VARCHAR2(4000)	Self-explanatory.
Alt_Contact_Person_Chinese	VARCHAR2(4000)	Self-explanatory.
ISBN_Address_English	VARCHAR2(4000)	Self-explanatory
ISBN_Address_Chinese	VARCHAR2(4000)	Self-explanatory
Main_Address_English	VARCHAR2(4000)	Self-explanatory.
Main_Address_Chinese	VARCHAR2(4000)	Self-explanatory.
Alt_Address_English	VARCHAR2(4000)	Self-explanatory.
Alt_Address_Chinese	VARCHAR2(4000)	Self-explanatory.

Field Name	Data Type	Description
ISBN_Telephone_Num_English_1	VARCHAR2(4000)	Self-explanatory.
ISBN_Telephone_Num_English_2	VARCHAR2(4000)	Self-explanatory.
ISBN_Telephone_Num_Chinese_1	VARCHAR2(4000)	Self-explanatory.
ISBN_Telephone_Num_Chinese_2	VARCHAR2(4000)	Self-explanatory.
Main_Telephone_Num_English_1	VARCHAR2(4000)	Self-explanatory.
Main_Telephone_Num_English_2	VARCHAR2(4000)	Self-explanatory.
Main_Telephone_Num_Chinese_1	VARCHAR2(4000)	Self-explanatory.
Main_Telephone_Num_Chinese_2	VARCHAR2(4000)	Self-explanatory.
Alt_Telephone_Num_English_1	VARCHAR2(4000)	Self-explanatory.
Alt_Telephone_Num_English_2	VARCHAR2(4000)	Self-explanatory.
Alt_Telephone_Num_Chinese_1	VARCHAR2(4000)	Self-explanatory.
Alt_Telephone_Num_Chinese_2	VARCHAR2(4000)	Self-explanatory.
ISBN_Fax_Number_English_1	VARCHAR2(4000)	Self-explanatory.
ISBN_Fax_Number_English_2	VARCHAR2(4000)	Self-explanatory.
ISBN_Fax_Number_Chinese_1	VARCHAR2(4000)	Self-explanatory.
ISBN_Fax_Number_Chinese_2	VARCHAR2(4000)	Self-explanatory.
Main_Fax_Number_English_1	VARCHAR2(4000)	Self-explanatory.
Main_Fax_Number_English_2	VARCHAR2(4000)	Self-explanatory.
Main_Fax_Number_Chinese_1	VARCHAR2(4000)	Self-explanatory.
Main_Fax_Number_Chinese_2	VARCHAR2(4000)	Self-explanatory.
Alt_Fax_Number_English_1	VARCHAR2(4000)	Self-explanatory.
Alt_Fax_Number_English_2	VARCHAR2(4000)	Self-explanatory.
Alt_Fax_Number_Chinese_1	VARCHAR2(4000)	Self-explanatory.

Field Name	Data Type	Description
Alt_Fax_Number_Chinese_2	VARCHAR2(4000)	Self-explanatory.
ISBN_Email_Address_English_1	VARCHAR2(4000)	Self-explanatory.
ISBN_Email_Address_English_2	VARCHAR2(4000)	Self-explanatory.
ISBN_Email_Address_Chinese_1	VARCHAR2(4000)	Self-explanatory.
ISBN_Email_Address_Chinese_2	VARCHAR2(4000)	Self-explanatory.
Main_Email_Address_English_1	VARCHAR2(4000)	Self-explanatory.
Main_Email_Address_English_2	VARCHAR2(4000)	Self-explanatory.
Main_Email_Address_Chinese_1	VARCHAR2(4000)	Self-explanatory.
Main_Email_Address_Chinese_2	VARCHAR2(4000)	Self-explanatory.
Alt_Email_Address_English_1	VARCHAR2(4000)	Self-explanatory.
Alt_Email_Address_English_2	VARCHAR2(4000)	Self-explanatory.
Alt_Email_Address_Chinese_1	VARCHAR2(4000)	Self-explanatory.
Alt_Email_Address_Chinese_2	VARCHAR2(4000)	Self-explanatory.
Publisher_Prefix_1	VARCHAR2(4000)	Primary publisher prefix.
Publisher_Prefix_2	VARCHAR2(4000)	Secondary publisher prefix.
Publisher_Prefix_Date_Assig_1	VARCHAR2(4000)	The date the primary publisher prefix was assigned.
Publisher_Prefix_Date_Assig_2	VARCHAR2(4000)	The date the secondary publisher prefix was assigned.
Title_To_Be_Published_1	VARCHAR2(4000)	The first title to be published.
Title_To_Be_Published_2	VARCHAR2(4000)	The second title to be published.
Title_Estimated_Date_Of_Pub_1	VARCHAR2(4000)	The estimated date of publication of title number 1.
Title_Estimated_Date_Of_Pub_2	VARCHAR2(4000)	The estimated date of publication of title number 2.
Amendment_Date	VARCHAR2(4000)	The date of any amendment to the record.
Amendment_Type	VARCHAR2(4000)	The type of amendment that was made.

Field Name	Data Type	Description
Specialties_1	VARCHAR2(4000)	The publisher speciality.
Specialties_2	VARCHAR2(4000)	Another publisher speciality.
Remark_1	VARCHAR2(4000)	Remarks.
Remark_2	VARCHAR2(4000)	Other remarks.

2.3.9.1.10 BRO_Serials_Issue_v

Field Name	Data Type	Description
Issue_ID	NUMBER(9)	The system-assigned ID for a single serials issue.
Number_Of_Copies	NUMBER(1)	Number of copies that have been received for the issue.
Prevent_Reminder_Flag	VARCHAR2(3)	Indicates whether this issue is disqualified (until changed) for the generation of reminder letters: 0 - No 1 - Yes

3. Working with a Report-writing Tool

If you want to format the data you extract to display in a document or report format, you need to obtain a report-writing tool. There are several report-writing tools available for purchase or download.

This chapter covers the following topics:

- ⇒ [Choosing a Report-writing Tool](#)
- ⇒ [Configuring a Workstation to Connect to the Ad Hoc Views](#)

3.1 Choosing a Report-writing Tool

When deciding which report writer best suits the needs of your library, you should consider the following:

The software must . . .

- Be able to access and execute SQL queries on an Oracle database.
- Display Unicode characters (if your database contains non-ASCII characters).
- Correctly map UTF-8 encoded characters (if making a direct connection to the database).

Consult the documentation for your report writer to determine if it meets the above criteria.

Most reporting tools connect to a database via Oracle Net 9i or an ODBC or a JDBC connection. You will need to consult the documentation for your reporting client for instructions on configuring a connection. If you choose a report writer that connects to the database via an ODBC connection, you need to download and install an Oracle ODBC driver. The following section provides instructions for this task.

Note: Innovative does not provide support for third-party programs.

3.2 Configuring a Workstation to Connect to the Ad Hoc Views

You can connect to the Ad Hoc views via any reporting tool that can connect to an Oracle database. Some programs use an ODBC connection to access a database. If you choose a report writer that uses an ODBC connection, you need to download and install the appropriate ODBC driver for your system. Then you need to configure the ODBC driver connection.

This section provides instructions for downloading and installing an Oracle ODBC driver that maps UTF-8 encoded characters to Unicode.

Note: If you are installing the driver on a Windows NT or 2000 system, you must first log in to your PC as Administrator.

For instructions on how to create the ODBC driver connection in Windows, follow this link:

http://www.sparxsystems.com/enterprise_architect_user_guide/8.0/projects_and_teams/connect_to_oracle_via_odbc.html

3.2.1 Downloading the ODBC Driver

You can use an ODBC connection to connect from your PC to your Virtua database. Before you configure an ODBC connection, you need to download and install the most recent version of the ODBC driver for your version of the Oracle client.

You can download the Oracle driver from . . .

<http://www.oracle.com/technetwork/database/windows/downloads/utilsoft-087491.html>

Note: When you click the download link, you will be prompted to enter a username and password. If you do not already have an account with the Oracle Technology Network, click the Cancel button on the password dialog box to view the Oracle Technology Network Registration Page where you can register for a free account that allows you to download Oracle products. After you finish registering, return to the URL listed above.

On the ODBC Drivers Download page, download the most recent version of the driver that matches your version of the Oracle client..

3.2.2 Installing the ODBC Driver

After you download the driver, you need to install it on your PC. To do this, you need to have the Oracle Universal Installer available. Innovative distributes this program with the Virtua Profiler. If you do not have a copy of this program, contact your Innovative representative.

To install the Oracle ODBC driver on your PC,

1. Double-click the ODBC driver file you downloaded from Oracle.

The WinZip Self-Extractor appears (*Figure 3-1*).

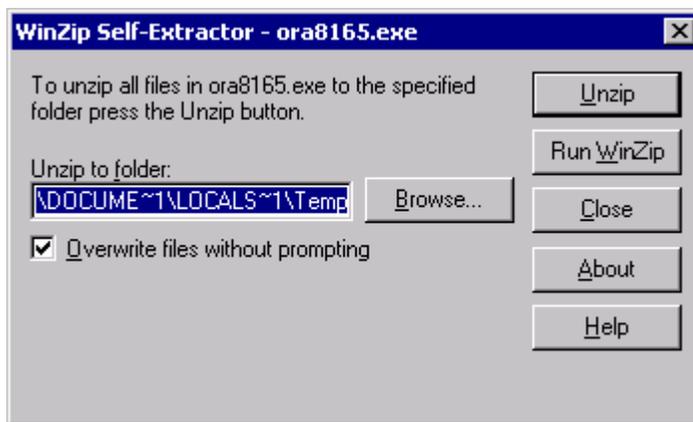


Figure 3-1. WinZip Self-Extractor

2. In the Unzip to Folder text box, choose an easily accessible location on your computer.
3. Click the Unzip button.

WinZip extracts the files to the location you specified.

4. From the Oracle Net 9i distribution media Innovative provides, run **setup.exe**.

The Oracle Universal Installer Welcome screen appears (*Figure 3-2*)

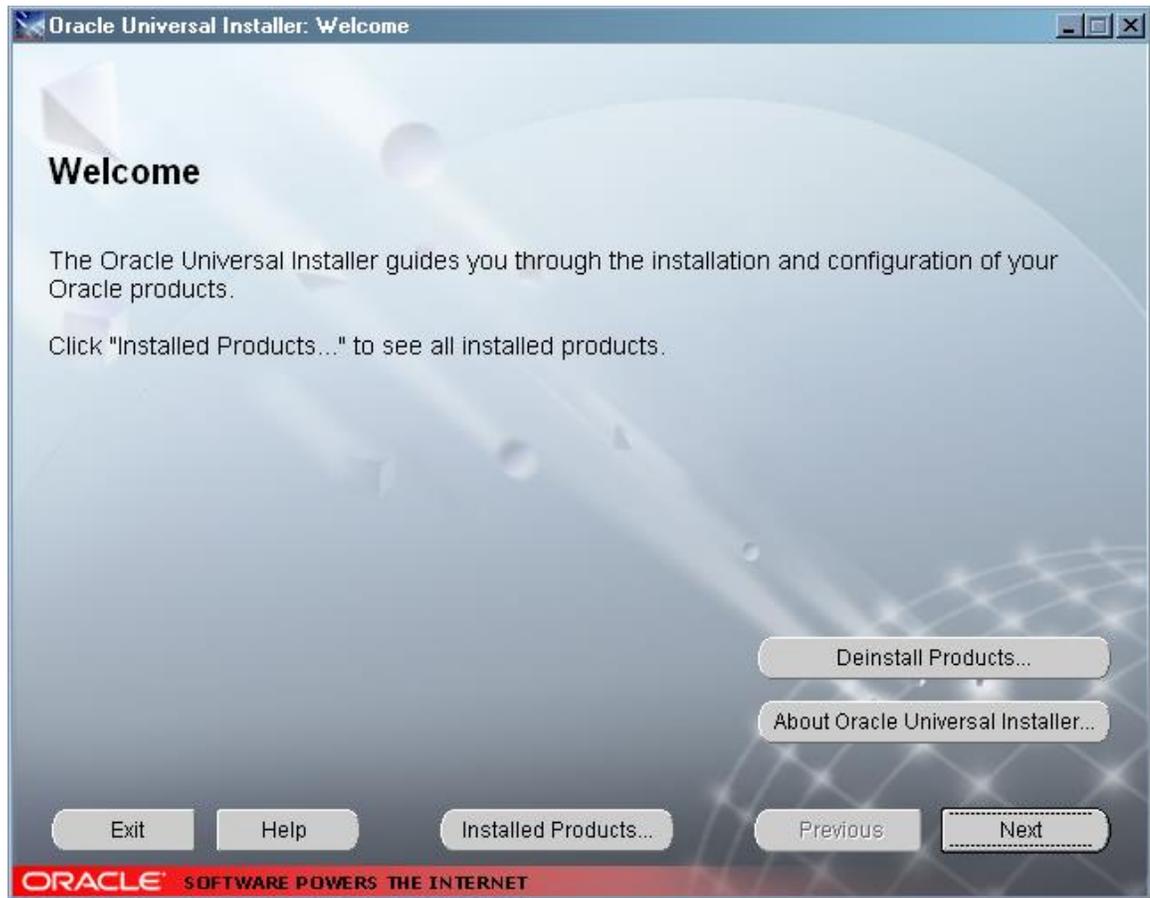


Figure 3-2. Oracle Universal Installer - Welcome Screen

5. Click the Next button to go to the File Locations screen (*Figure 3-3*).

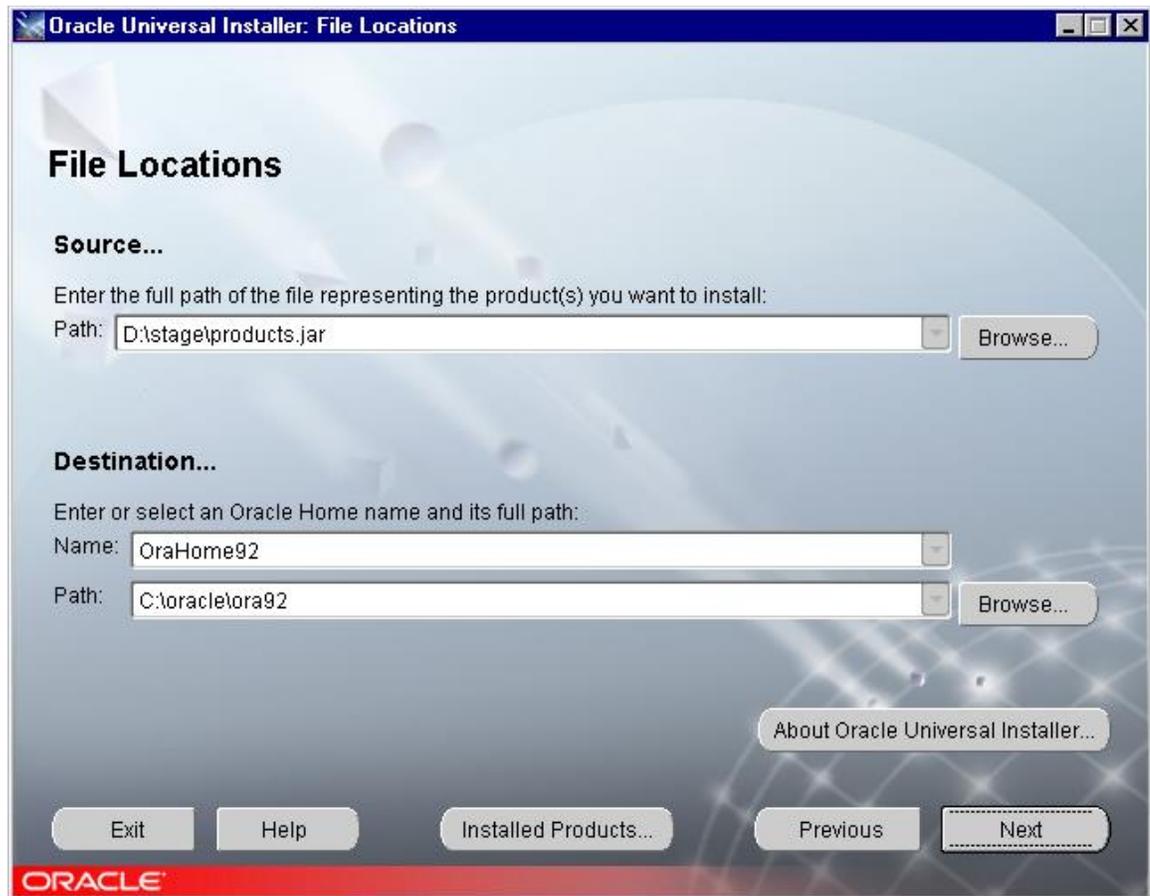


Figure 3-3. Oracle Universal Installer - File Locations Screen

6. Under the **Source . . .** heading, type the path to the folder in which you extracted the Oracle ODBC driver files.

-AND-

/Disk1/stage/products.jar

For example, if you extracted the driver files to C:/Temp, type:

C:/temp/Disk1/stage/products.jar

7. The settings under the **Destination . . .** heading should default to the path of your Oracle client installation. You do not need to change this value.
8. Click the Next button to go to the Summary screen (*Figure 3-4*).

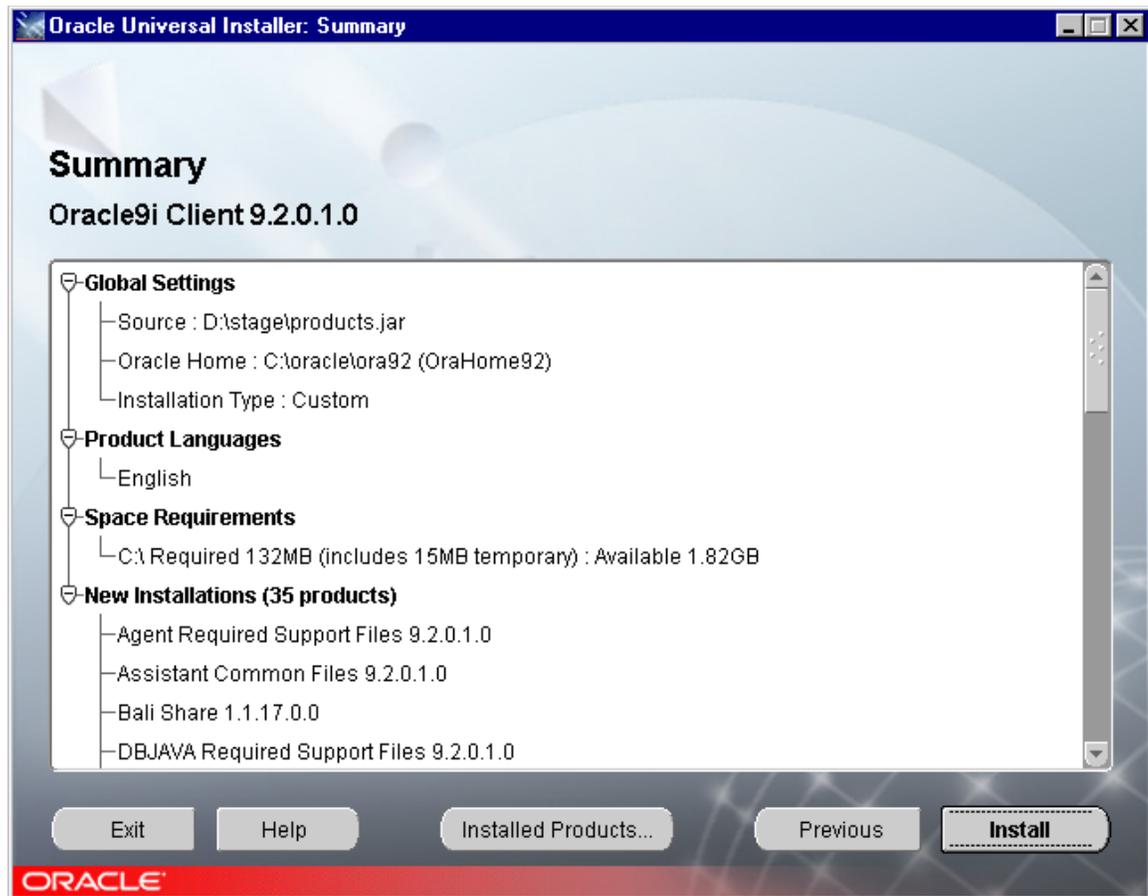


Figure 3-4. Oracle Universal Installer - Summary Screen

9. Click the Install button to begin installing the driver.

After all components of the driver are installed, the End of Installation screen appears (Figure 3-5).

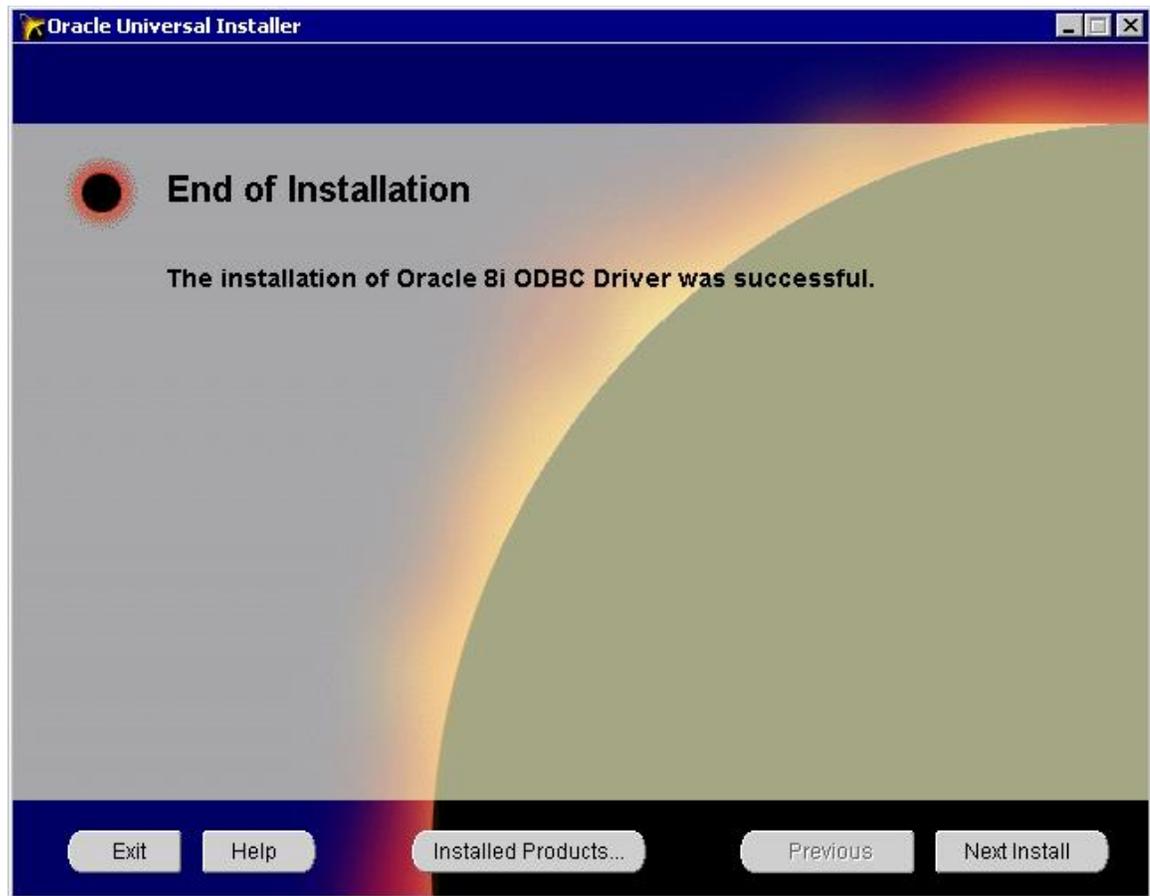


Figure 3-5. Oracle Universal Installer - End of Installation Screen

10. Click the Exit button to close the Oracle Universal Installer.

Repeat this process for each PC you want to use to connect to the Ad Hoc views.

Note: Although this Oracle driver supports the mapping of UTF-8 encoded characters to Unicode, it does not ensure that these characters will display in your reporting client. If your client does not support the display of the characters stored in your database, these characters will NOT display correctly.

4. Appendix A - List of Views

This appendix lists the views for each subsystem. For detailed information about the views, see the section “[Reference Tables for Ad Hoc Views](#)” in this guide.

4.1 Acquisitions Views

The Acquisitions views can be grouped in the following categories:

1. [Invoice views](#)
2. [Credit views](#)
3. [Purchase Order views](#)
4. [Receipt views](#)
5. [Payment views](#)
6. [Distribution views](#)
7. [Vendor Views](#)
8. [Other views](#)

4.1.1 Invoice Views

- [EDIFACT_Invoice_Error](#)
- [Invoice_Detail_Acct_v](#)
- [Invoice_Detail_Fee_v](#)
- [Invoice_Detail_Location_v](#)
- [Invoice_Detail_Note_v](#)
- [Invoice_Detail_Tax_v](#)
- [Invoice_Detail_v](#)
- [Invoice_Header_Acct_v](#)
- [Invoice_Header_Fee_v](#)
- [Invoice_Header_Note_v](#)
- [Invoice_Header_Tax_v](#)
- [Invoice_Header_v](#)
- [Invoice_SAP_v](#)
- [Invoice_Status_v](#)
- [Invoice_Tax_Type_v](#)

4.1.2 Credit Views

- [Credit_Note_v](#)
- [Credit_PO_Detail_Link_v](#)
- [Credit_SAP_v](#)
- [Credit_Status_v](#)
- [Credit_Use_v](#)
- [Credit_v](#)
- [Specific_Credit_Use_Account_v](#)
- [Prepaid_Credit_Use_Account_v](#)

4.1.3 Purchase Order Views

- [Acq_Address_v](#)
- [Acquisitions_Claims_v](#)
- [Acquisitions_Reminders_v](#)
- [EDIFACT_Order_Error_v](#)
- [MARC_Order_Error_v](#)
- [Orig_PO_Line_Ref_v](#)
- [PO_Account_v](#)
- [PO_Detail_Distribution_v](#)
- [PO_Detail_Enriched_Value_v](#)
- [PO_Detail_Location_v](#)
- [PO_Detail_Note_v](#)
- [PO_Detail_Volume_v](#)
- [PO_Detail_v](#)
- [PO_Enriched_Type_v](#)
- [PO_Enriched_Type_Inst_v](#)
- [PO_Enriched_Value_v](#)
- [PO_Inv_Enriched_Value_v](#)
- [PO_Order_Type_v](#)
- [PO_Header_Note_v](#)
- [PO_Header_v](#)
- [PO_Status_v](#)
- [PO_Subject_Code_v](#)

4.1.4 Receipt Views

- [Receipt_Note_v](#)
- [Receipt_Status_v](#)
- [Receipt_v](#)

4.1.5 Payment Views

- [Payment_Account_v](#)
- [Payment_Detail_v](#)
- [Payment_Header_v](#)
- [Payment_Method_v](#)
- [Payment_Note_v](#)
- [Payment_SAP_v](#)
- [Payment_Status_v](#)

4.1.6 Distribution Views

- [Distribution_Group_Account_v](#)
- [Distribution_Group_Library_v](#)
- [Distribution_Group_v](#)

4.1.7 Vendor Views

- [Vendor_Address_v](#)
- [Vendor_Customer_Account_v](#)
- [Vendor_Enriched_Data_Map_v](#)
- [Vendor_Name_v](#)
- [Vendor_Note_v](#)
- [Vendor_Shipping_Method_v](#)
- [Vendor_Statistics_v](#)
- [Vendor_v](#)

4.1.8 Purchase Request Views

- [Purchase_Request_v](#)

- [Purchase_Request_Status_v](#)
- [Reader_Suggestion_Status_v](#)

4.1.9 Other Acquisition Views

- [Acq_Account_Audit_v](#)
- [Acq_Transaction_Log_v](#)
- [Currency_Type_v](#)
- [EDIFACT_Claim_Error_v](#)
- [Fiscal_Year_v](#)
- [Fund_Account_v](#)
- [Shipping_Method_v](#)

4.2 Administrative Views

- [User_v](#)
- [User_Deny_Login_Location_v](#)

4.3 Cataloging Views

The Cataloging views can be grouped in the following categories:

1. [Bibliographic views](#)
2. [Authority views](#)
3. [State views](#)
4. [Mask views](#)
5. [Item views](#)
6. [Other views](#)

4.3.1 Bibliographic Views

- [Bib_Author_v](#)
- [Bib_Control_Number_v](#)
- [Bib_Fields_v](#)
- [Bib_ISBN_v](#)

- [Bib_ISSN_v](#)
- [Bib_LCCN_v](#)
- [Bib_Leader_v](#)
- [Bib_Publication_Date_v](#)
- [Bib_Record_Type_v](#)
- [Bib_Street_Date_v](#)
- [Bib_Subject_Thesaurus_v](#)
- [Bib_Subject_v](#)
- [Bib_Title_v](#)
- [Bib_User_Defined_v](#)
- [ISO_Indexed_Call_Number_v](#)

4.3.2 Authority Views

- [Authority_Heading_Author_v](#)
- [Authority_Heading_Subject_v](#)
- [Authority_Heading_Title_v](#)
- [Authority_Heading_User_v](#)
- [Authority_Control_Number_v](#)
- [Authority_Note_Record_v](#)
- [Provisional_Heading_Author_v](#)
- [Provisional_Heading_Subject_v](#)
- [Provisional_Heading_Title_v](#)
- [Provisional_Heading_User_v](#)

4.3.3 State Views

- [Record_State_v](#)
- [Authority_Record_State_v](#)
- [Bib_Record_State_v](#)

4.3.4 Mask Views

- [Masked_Bibs_v](#)
- [Masked_Holdings_v](#)
- [Masked_Items_v](#)

4.3.5 Item Views

[Deleted_item_v](#)

4.3.6 Other Cataloging Views

[Collection_Code_v](#)

4.4 Circulation Views

The Circulation views can be grouped in the following categories:

- [Transaction Log Views](#)
- [Request Views](#)
- [Reserve Views](#)
- [Patron Information Views](#)
- [Item Information Views](#)
- [Parameters Views](#)

4.4.1 Transaction Log Views

- [Circ_Checkin_Log_v](#)
- [Circ_Checkout_Log_v](#)
- [Circ_Dispute_Log_v](#)
- [Circ_Letters_Log_v](#)
- [Circ_Renewal_Log_v](#)
- [Circ_Request_Log_v](#)
- [Letter_Type_v](#)

4.4.2 Request Views

- [Circ_Request_v](#)
- [Interlibrary_Loan_v](#)
- [Interlibrary_Loan_Patron_v](#)

- [Request_Group_Link_v](#)
- [Request_Group_v](#)

4.4.3 Reserve Views

- [Reserve_Item_v](#)
- [Reserve_List_v](#)

4.4.4 Patron Information Views

- [ISO_Patron_v](#)
- [Patron_v](#)
- [Patron_Account_v](#)
- [Patron_Audit_Trail_v](#)
- [Patron_Audit_Trail_Tran_Type_v](#)
- [Patron_Block_v](#)
- [Patron_Barcode_v](#)
- [Patron_Barcode_Status_Chnge_v](#)
- [Patron_Failed_Notice_v](#)
- [Patron_History_v](#)
- [Patron_Note_v](#)
- [Patron_Old_Barcode_v](#)
- [Patron_Record_State_v](#)
- [Patron_Record_Added_v](#)
- [Patron_Record_Update_v](#)
- [Patron_Record_Last_Modified_v](#)

4.4.5 Item Information Views

- [Items_Checked_Out_v](#)
- [Item_Detail_v](#)
- [Item_Price_Paid_v](#)
- [Item_Public_Note_v](#)
- [Item_Staff_Note_v](#)
- [Item_Status_v](#)
- [Item_Status_Description_v](#)
- [Item_Status_Duration_v](#)

- [Average_Item_Status_Duration_v](#)
- [Average_Status_Duration_v](#)

4.4.6 Parameters Views

- [Alert_Block_v](#)
- [Block_Code_v](#)
- [Closed_Date_v](#)
- [District_Code_v](#)
- [Fine_Code_v](#)
- [Item_Class_v](#)
- [Library_Defined_Date_v](#)
- [Library_Hours_v](#)
- [Location_Item_v](#)
- [Location_Patron_Item_Limit_v](#)
- [Location_Patron_Item_v](#)
- [Location_Patron_Limit_v](#)
- [Location_Patron_v](#)
- [Location_v](#)
- [Location_Values_v](#)
- [Patron_Item_Limit_v](#)
- [Patron_Limit_v](#)
- [Patron_Type_v](#)

4.5 Serials Views

The following views are associated with the Serials subsystem:

- [Holdings_Record_State_v](#)
- [ISO_Holdings_v](#)
- [Item_Bindery_v](#)
- [Serials_Claims_v](#)
- [Serials_Issue_v](#)
- [Serials_Reminders_v](#)
- [Serials_Routing_v](#)
- [Serials_v](#)

4.6 ASR Management Views

The following views are associated with the ASR subsystem:

ASR_v
ASR_at_reading_room_v
ASR_cancelled_v
ASR_consultation_v
ASR_current_reservations_v
ASR_delivered_v
ASR_delivered_to_room_v
ASR_dispatched_from_stack_v
ASR_event_v
ASR_expected_at_stack_v
ASR_expired_v
ASR_in_transit_v
ASR_item_status_v
ASR_location_status_v
ASR_returned_v
ASR_route_segments_v
ASR_route_status_v
ASR_route_time_v
ASR_route_traffic_v

4.7 Chamo Views

The following views are associated with Chamo:

Bib_Saved_List_Entry_v
Bib_Saved_List_v
Copy_Saved_List_Entry_v
Copy_Saved_List_v
Patron_NCOA_Audit_v
Patron_Saved_List_Entry_v
Patron_Saved_List_v
Patron_Session_v

4.8 LoC-specific Views

The following views are customized for the Library of Congress:

LoC_Acq_Claim_Deletion_Reason_v
LoC_Bib_Data_v
LoC_Bulk_Serials_Claims_v
LoC_Circular_v
LoC_Circular_BI_v
LoC_Circular_Log_v
LoC_Deleted_Item_v
LoC_Deletion_Reason_v
LoC_Fund_Account_v
LoC_Invoice_Detail_Issue_v
LoC_Issue_Group_v
LoC_Location_v
LoC_Operation_Log_v
LoC_Participant_v
LoC_Participant_Block_v
LoC_Participant_Group_v
LoC_Participant_Group_Link_v
LoC_Participant_Profile_v
LoC_Participant_Profile_Log_v
LoC_Participant_Resp_Circ_v
LoC_Participant_Resp_BI_v
LoC_Payment_Header_v
LoC_PO_Detail_v
LoC_PO_Detail_Location_v
LoC_PO_Detail_Volume_v
LoC_PO_Header_v
LoC_Purchase_Request_v
LoC_Receipt_v
LoC_Ser_Claim_Deletion_Reason_v
LoC_Sub_Profile_v
LoC_Sub_Profile_Copy_v
LoC_Sub_Profile_Link_v
LoC_Sub_Profile_Row_v
LoC_Vendor_v

4.9 BRO-specific Views

The following views are customized for HKPL's management of the Books Registration Office:

BRO_Bibliographic_Record_View_v
BRO_Catalog_Serial_Number_v
BRO_Deleted_Holding_Issues_v
BRO_ISBN_Book_Industry_v
BRO_ISBN_Country_Code_v
BRO_ISBN_Publisher_ID_Range_v
BRO_Number_v
BRO_Printer_Authority_v
BRO_Publisher_Authority_v
BRO_Serials_Issue_v

5. Appendix B - Acq_Transaction_Log_v: Fields and Corresponding Actions

The Acq_Transaction_Log_v reports on transaction data stored in the database. Each transaction is determined by an action, and for each action, specific data is reported; i.e., for each action, specific fields in the view are populated. The following table shows the correspondence between each action and the fields populated in the view.

Action(s)	Fields Populated
Account Added Account Modified Account Deleted Account Funds Added Account Funds Transfer Account Disabled During Fiscal Year Rollover	Transaction_ID Action Transaction_Date Record_Modified_By Hostname Account_Nr
Purchase Order Added Purchase Order Modified Purchase Order Deleted Purchase Order Canceled Purchase Order Transmitted Purchase Order Cancel Transmitted Purchase Order Renewed	Transaction_ID Action Transaction_Date Record_Modified_By Hostname Purchase_Order_ID Internal_Purchase_Order_ID Reason (Purchase Order Deleted only) Bib_Id (Purchase Order Deleted only)
Purchase Order Line Item Added Purchase Order Line Item Modified Purchase Order Line Item Deleted Purchase Order Line Item Canceled Purchase Order Line Item Renewed Order Line Rolled Over Fixed Acq Order Line Encumbrances	Transaction_ID Action Transaction_Date Record_Modified_By Hostname Purchase_Order_ID Internal_Purchase_Order_ID Purchase_Order_Line_Nr Account_Nr (Order Line Rolled Over only)
Receipt Added Receipt Modified Receipt Deleted	Transaction_ID Action Transaction_Date

Receipt Automatically Added	Record_Modified_By Hostname Purchase_Order_ID Internal_Purchase_Order_ID Purchase_Order_Line_Nr Receipt_ID
Invoice Added Invoice Modified Invoice Deleted	Transaction_ID Action Transaction_Date Record_Modified_By Hostname Invoice_ID Vendor Vendor_ID Reason (Invoice Deleted only)
Header Fee Rolled Over Header Tax Rolled Over	Transaction_ID Action Transaction_Date Record_Modified_By Hostname Invoice_ID Vendor Vendor_ID Account_Nr Internal_Purchase_Order_ID (always -1) Purchase_Order_Line_Nr (always -1)
Invoice Detail Added Invoice Detail Modified Invoice Detail Deleted	Transaction_ID Action Transaction_Date Record_Modified_By Hostname Invoice_ID Vendor Vendor_ID Purchase_Order_ID Internal_Purchase_Order_ID Purchase_Order_Line_Nr
Invoice Price Rolled Over Line Fee Rolled Over	Transaction_ID Action

<p>Line Tax Rolled Over</p>	<p>Transaction_Date Record_Modified_By Hostname Invoice_ID Vendor Vendor_ID Purchase_Order_ID Internal_Purchase_Order_ID Purchase_Order_Line_Nr Account_Nr</p>
<p>Payment Added Payment Updated Payment Deleted</p>	<p>Transaction_ID Action Transaction_Date Record_Modified_By Hostname Invoice_ID Voucher_ID Purchase_Order_ID (empty for header fee & tax payments) Internal_Purchase_Order_ID (0 or -1 for header fee & tax payments) Purchase_Order_Line_Nr (0 or -1 for header fee & tax payments) Reason (Payment Deleted only)</p>
<p>Payment No Invoice Added Payment No Invoice Updated Payment No Invoice Deleted</p>	<p>Transaction_ID Action Transaction_Date Record_Modified_By Hostname Voucher_ID</p>
<p>Credit Added Credit Modified Credit Deleted Credit Applied Credit Rolled Over</p>	<p>Transaction_ID Action Transaction_Date Record_Modified_By Hostname Credit_ID (should it ever be added to the view) Vendor Vendor_ID Purchase_Order_ID (only if credit is associated with a order)</p>

	<p>Internal_Purchase_Order_ID (only if credit is associated with an order)</p> <p>Purchase_Order_Line_Nr (only if credit is associated with an order line)</p> <p>Account_Nr (only if credit is associated with a specific account)</p>
Incorporated latest currency conversion factors into acq encumbrances	<p>Transaction_ID</p> <p>Action</p> <p>Transaction_Date</p> <p>Record_Modified_By</p>
<p>Vendor Added</p> <p>Vendor Updated</p> <p>Vendor Deleted</p>	<p>Transaction_ID</p> <p>Action</p> <p>Transaction_Date</p> <p>Record_Modified_By</p> <p>Hostname</p> <p>Vendor</p> <p>Vendor_ID</p>
<p>Purchase Request Added</p> <p>Purchase Request Modified</p> <p>Purchase Request Deleted</p> <p>Purchase Request Rejected</p>	<p>Transaction_ID</p> <p>Action</p> <p>Transaction_Date</p> <p>Record_Modified_By</p> <p>Hostname</p> <p>Purchase_Request_ID</p> <p>Reason (Purchase Request Rejected only)</p> <p>Bib_ID</p> <p>Status_Change_Reason (all but Purchase Request Deleted)</p>

6. Appendix C - Changes in this Guide

6.1 Changes for Version 16.1

No changes were made.

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