



Release Notes

Vital Version 7.1

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NEW AND IMPROVED FEATURES

| ID | TSR | Class | Release Note |
|------------|-----|-------|--|
| VITAL-4602 | | Story | <p>As of Vital 7.1, it is now possible to specify which datastream is represented by an icon if an object derives no thumbnail and contains multiple datastreams that can be represented by icons.</p> <p>In previous versions, Vital used the following logic to assign an icon to an object:</p> <ul style="list-style-type: none"> • If a SOURCE1 datastream existed, the object would display an icon based on this datastream's MIME type. • If no SOURCE1 datastream existed, the icon would be assigned based on the MIME type of the datastream with the earliest date stamp. <p>As of version 7.1, you can now add a primary AltID (info:vital/order#1) in the Alternate IDs field on the Datastream Properties page to specify that the object's icon should be assigned based on the MIME type of this datastream.</p> |
| VITAL-4656 | | Story | <p>As of Vital 7.1, you can apply IP address restrictions to all objects in the Quick Collection using the new Batch Replace IP Address Restrictions for Objects feature on the Quick Collection page. To use this feature you must be logged in as a user with the necessary permissions on any site other than GlobalView. The IP address restrictions you configure apply only to the current site.</p> |
| VITAL-4618 | | Story | <p>As of Vital 7.1, you can change the state of all objects in the Quick Collection using the new Batch Assign Objects to State feature on the Quick Collection page. To use this feature you must be logged in as an administrative user with the Update_Object_Properties permission.</p> |
| VITAL-4431 | | Story | <p>As of Vital 7.1, you can delete multiple objects from the repository at one time using the new Delete All Objects in Quick Collection feature on the Quick Collection page. To use this feature you must be logged in as an administrative user with the Delete_Object group permission.</p> |

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| VITAL-4640 | | Story | <p>In previous versions, the Add Quick Collection to Collection administrative feature added all objects in the Quick Collection to the collection, but did not immediately reindex the objects. The Save/E-mail Citation feature available on the Quick Collection page saved or e-mailed only the current page of the Quick Collection.</p> <p>As of Vital 7.1, the following Quick Collection features, some of which are new in version 7.1, affect all objects in the Quick Collection (and not just the objects on the current page): Add Quick Collection to Collection, Batch Assign Objects to a Site, Delete All Objects in Quick Collection, Batch Assign Objects to a State, and Save/E-mail Citation. In addition, the objects are reindexed immediately after one of these operations is carried out.</p> |
| VITAL-4667 | | Story | <p>As of version 7.1, Vital now includes a new "username" cookie, which contains the user name of the user currently logged in, or the guest user name if the user is not logged in. This makes it possible for Vital to pass the user name to the Bibliotheca Alexandrina Book Viewer, which means that the personalization features available in the BA Book Viewer are available when you view a Vital object in the BA Book Viewer.</p> |
| VITAL-4322 | | Story | <p>As of version 7.1, Vital now supports eighteen new file types. The following is a list of each new file extension followed by the corresponding MIME type: .amr (audio/AMR), .cda (application/x-cdf), .fis (application/octet-stream), .m (application/matlab-m), .m4a (audio/x-m4a), .mdl (application/x-simulink-mdl), .pub (application/x-mspublisher), .sav (application/octet-stream), .XSL (text/xml), .ODT (application/vnd.oasis.opendocument.text), .FODT (text/xml), .ODS (application/vnd.oasis.opendocument.spreadsheet, application/x-vnd.oasis.opendocument.spreadsheet), .FODS (text/xml), .ODP (application/vnd.oasis.opendocument.presentation), .FODP (text/xml), .ODB (application/vnd.oasis.opendocument.database), .ODG (application/vnd.oasis.opendocument.graphics), and .FODG (text/xml).</p> |
| VITAL-4080 | | Story | <p>As of version 7.1, Vital prevents you from downloading or printing PDF objects from within the internal PDF viewer unless the Download_Datastream permission is enabled for your user account.</p> |
| VITAL-3516 | | Story | <p>In Vital 7.1, ObjectMetadata.vm has been updated to improve the handling of author metadata. Each author now appears in a separate tag in the page metadata, as recommended by the Google Scholar indexing guidelines.</p> |

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| VITAL-4585 | | Story | In Vital 7.1, the Edit Group administrative page has been improved so that each permission setting in the Select Group Permissions table now has an informative description in the Description column. |
| VITAL-3982 | | Story | In previous versions, it was not possible to delete empty XML tags via the Quick Edit XML page in the administrative interface. Deleting the data from an XML field left behind a set of empty opening and closing tags. The presence of these empty tags caused display issues elsewhere in the interface. This is fixed in Vital 7.1. When you click the Save Changes button on the Quick Edit XML page, Vital removes all empty tags from both Dublin Core and MODS metadata. |
| VITAL-4477 | 368493 | Story | In previous versions, the group permission settings available for the Guest group (which is present by default and cannot be deleted from Vital) and the group permission settings available for a manually-created user group differed. As of version 7.1, Vital's group permissions functionality has been improved so that the list of available permission settings is the same for both the Guest group and for a manually-created user group. The permissions that are enabled by default for the Guest group remain the same in version 7.1 as in previous versions. |
| VITAL-3363 | | Story | <p>In previous versions, there was no way to re-derive Dublin Core metadata. If a stylesheet was updated, the updates were applied to new objects, but were not applied to existing objects. Reindexing the repository did not re-derive the DC metadata unless the object datastream had been updated.</p> <p>In Vital 7.1, the new updateDatastreamDatestamp.xml script has been added to the batch-modification-1.12/config directory of your installation. If you run this script, during the next background indexing session Vital reindexes the specified objects and re-derives the DC metadata.</p> <p>Note that before running updateDatastreamDatestamp.xml, you must replace the two values 'DSID' with the datastreamId of the datastreams to be modified. For example, if the datastreams to be modified have datastreamId 'MODS', then both instances of <code><property name="datastreamId" value="DSID"/></code> in updateDatastreamDatestamp.xml must be changed to <code><property name="datastreamId" value="MODS"/></code>.</p> |

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| VITAL-4658 | | Story | <p>In version 7.1, the <meta> tags found in the HTML code for Vital's Item Display pages have been improved so that they adhere to Google Scholar's indexing guidelines. This means that publications in your repository can more easily be harvested by Google Scholar and returned in Google Scholar search results.</p> <p>Item Display pages now contain the following <meta> tags: 'meta name="citation_author"', 'meta name="citation_title"', and 'meta name="citation_publication_date"'. These tags are populated from new indexing rules for sm_citation_author, sm_citation_title, and sm_citation_publication_date. (See VITAL-4682.)</p> |
| VITAL-4660 | | Story | <p>In version 7.1, the <meta> tags found in the HTML code for Vital's Item Display pages have been improved so that they adhere to Google Scholar's indexing guidelines for theses, dissertations, and technical reports.</p> <p>If sm_citation_type contains exactly one of { "thesis" "working paper" "dissertation" }</p> <p>then the following meta tags are displayed if available in the indexed metadata: citation_dissertation_institution, citation_technical_report_institution, citation_technical_report_number.</p> |
| VITAL-4659 | | Story | <p>In version 7.1, the <meta> tags found in the HTML code for Vital's Item Display pages have been improved so that they adhere to Google Scholar's indexing guidelines for journal and conference papers.</p> <p>If sm_citation_type contains exactly one of { "journal" "journal article" "conference paper" }</p> <p>then the following meta tags are displayed if available in the indexed metadata: citation_journal_title, citation_conference_title, citation_issn, citation_isbn, citation_volume, citation_issue, citation_firstpage, citation_lastpage.</p> |
| VITAL-4251 | | Story | <p>In version 7.1, the meta description tags found in the HTML code for Vital's Item Display pages have been improved. In previous versions, the meta description tag always contained a general message ("This site is powered by the Innovative Vital repository solution."). In version 7.1, the meta description tag contains the object's title, if a title exists. If the object does not have a title, the tag contains the general message above.</p> |

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| VITAL-4682 | | Story | <p>In Vital 7.1, the indexing.xml file has been updated to include the following rule elements, which are required for the improvements made to the <meta> tags for Vital's Item Display pages:</p> <ul style="list-style-type: none"> sm_citation_author sm_citation_title sm_citation_publication_date sm_citation_type sm_citation_journal_title sm_citation_conference_title sm_citation_issn sm_citation_isbn sm_citation_volume sm_citation_issue sm_citation_firstpage sm_citation_lastpage sm_citation_dissertation_institution sm_citation_technical_report_institution sm_citation_technical_report_number |
| VITAL-4670 | | Story | <p>When you loaded a batch of objects via the Contribute a Batch Upload feature, the MIME type Vital assigned to certain types of files was not consistent with the MIME type assigned when a file of the same type was loaded via the single object upload feature (Contribute a New Item). This is fixed in Vital 7.1. Regardless of the workflow used to load objects, Vital now uses the file type/MIME type associations listed in the filetypes.xml file to assign the MIME type to a new object.</p> |
| VITAL-4663 | | Story | <p>The marc_dc.xsl stylesheet, which Vital uses to generate Dublin Core metadata from a MARCXML source record, has been updated to include mappings for the MARC 264 tag. When you ingest an object with MARCXML that contains "264 \$bc", the data is mapped to the dc:publisher field.</p> |
| VITAL-4332 | | Story | <p>In Vital 7.1, the vital.citations.sender property has been removed from the vital.properties configuration file. This property was no longer being used by the software.</p> |
| VITAL-4609 | | Story | <p>In Vital 7.1, the vital.globalguest.ipaddress and vital.admin.ipaddress properties have been removed from the vital.properties configuration file. These settings were no longer being used by the software.</p> |

FIXED BUGS

| ID | TSR | Class | Release Note |
|------------|-----|-------|--|
| VITAL-2799 | | Bug | A problem sometimes occurred when an object contained an 856 field. If you viewed the Quick Edit XML page using the HTML View, the 856 field would be displayed twice on the page and several extraneous characters would also be displayed between the two fields. This is fixed in Vital 7.1. If an 856 field exists, it is displayed only once in the HTML View on the Quick Edit XML page. |
| VITAL-4494 | | Bug | An error occurred if you selected both the Reviewed check box and the Items with Full Text check box on the Advanced Search page. This is fixed in Vital 7.1. Selecting both the Reviewed check box and the Full Text check box now correctly returns search results matching those criteria. |
| VITAL-4632 | | Bug | Any user with the Delete_Object group permission could delete an object from the repository by selecting the "Delete object from ALL sites" check box on the Remove Object From Site page and then clicking the Remove button. The deletion would occur even if the object belonged to multiple sites and the user had Delete_Object permission for the current site but did NOT have Delete_Object permission for one of the other sites to which the object belonged. This is fixed in Vital 7.1. In this situation, Vital now displays a message informing the user that he or she does not have permission to delete the object from all sites, and the deletion is not processed. |
| VITAL-4639 | | Bug | In previous versions, a problem sometimes occurred when you used the Batch Assign Objects to a Site feature on the Quick Collection page. Vital would only assign the objects on the first page of the Quick Collection to the selected site, regardless of what page of the Quick Collection you were viewing. This is fixed in Vital 7.1. The Batch Assign Objects to a Site feature now adds all objects in the Quick Collection to the selected site. The objects are reindexed immediately. |
| VITAL-4630 | | Bug | In version 7.0 SP1, there was a problem with the page number links on the Manage Authority Assignment Queue page. If you clicked a page number link to jump to a different page in the queue, Vital would always reload page one of the queue. This is fixed in Vital 7.1. |

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| VITAL-3611 | | Bug | <p>Problems occurred when the Download_Datastream group permission was disabled on the Edit Group administrative page, but the Download Datastream datastream-specific permission was enabled on the Datastream page. In this situation, a Download link was displayed on the Datastream page, but clicking the link caused an error to occur. The same problem existed for the Open_Datastreams permission. This is fixed in Vital 7.1. Datastream-specific permission settings now properly override group permission settings, and no error occurs in the scenario described above.</p> |
| VITAL-4671 | | Bug | <p>Some .jpg images that have embedded thumbnail images cannot be loaded in the Mirador image viewer; an error occurs. To fix this problem for .jpg images that already exist in your repository, Vital 7.1 now includes the jpg-remove-embedded-thumbnails.sh script.</p> <p>To run this script, you must provide a datastream directory (or subdirectory) and specify the file name of a log file where Vital logs the .jpg files that were updated to remove an embedded thumbnail.</p> <p>For example, running the following command</p> <pre>./jpg-remove-embedded-thumbnails.sh /opt/vtls/vital/store/datastreams /tmp/updated-jpgs.txt 2> /tmp/screen-output.txt</pre> <p>removes embedded thumbnails from .jpg datastreams in the /opt/vtls/vital/store/datastreams directory, and writes log results to a /tmp/updated-jpgs.txt file.</p> |
| VITAL-4673 | | Bug | <p>The authority example configuration files provided in the /opt/vtls/vital/batch/examples directory did not contain the SiteID value. If you attempted to load these files using the Batch Tool, errors would occur. This is fixed in Vital 7.1. The authority example configuration files have been updated to include the SiteID.</p> |
| VITAL-4627 | | Bug | <p>Two of Vital's example object model configuration files, model-bilby.xml and model-music.xml, referred to the "image/jpg" MIME type instead of the "image/jpeg" MIME type. This is fixed in Vital 7.1.</p> |

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| VITAL-4683 | | Bug | <p>Vital 7.0 contained an improvement to the display of community or collection Description text shown on the Community Search and Permissions page and the Collection Search and Permissions page. (Prior to version 7.0, the Description text was displayed within brackets ("[description text]"). In version 7.0, description text was not displayed within brackets.)</p> <p>To preserve this behavior and ensure that unwanted brackets are not displayed in version 7.1, you must edit Community.vm and Collection.vm as described in the Installation and Migration Instructions (7.1).</p> |
| VITAL-4625 | | Bug | <p>Vital's internal PDF viewer failed to load a PDF when the Download_Datastream group permission was disabled for the current user (via settings on the Edit Group administrative page). This is fixed in Vital 7.1. When the internal PDF viewer is enabled, it loads PDFs regardless of whether the Download_Datastream group permission is enabled or disabled.</p> |
| VITAL-4669 | | Bug | <p>When you clicked the Forgotten Password? link on the Sign In page to access the Forgotten Password page, the User Name field on the Forgotten Password page would sometimes be automatically populated with data. This is fixed in Vital 7.1. The User Name field on the Forgotten Password page is no longer pre-populated with user name data.</p> |
| VITAL-4592 | | Bug | <p>When you ingest any image file, Vital derives a .jpg image to be used as the thumbnail image. In previous versions, Vital assigned the MIME type image/jpg to the .jpg image it derived. This MIME type is not a valid MIME type, and Vital would not open these derived .jpg images in the browser (users were forced to open such images using an image view on their workstation). This is fixed in Vital 7.1. Derived image datastreams are now assigned the MIME type image/jpeg.</p> |
| VITAL-4665 | | Bug | <p>When you viewed either the Item Display page or the Datastream Detail page, for an icon object, it was possible to add the icon object to the Quick Collection. This is fixed in Vital 7.1. The Add to Quick Collection icon is no longer displayed on the Item Display page or the Datastream Detail page for icon objects.</p> |
| VITAL-4664 | | Bug | <p>When you viewed the Datastream Detail page for a content model object, it was possible to add the object to the Quick Collection. This is fixed in Vital 7.1. The Add to Quick Collection icon is no longer displayed on the Datastream Detail page for content model objects.</p> |

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| VITAL-4680 | | Bug | <p>When you viewed the Object Properties page for a collection object, Vital allowed you to add the collection object to the same collection via the Add Collection feature. This is fixed in Vital 7.1. If you attempt to add a collection object to the same collection on the Object Properties page, Vital now displays a message ("You cannot add a collection to itself") and does not complete the action.</p> |

KNOWN ISSUES

| ID | Class | Release Note |
|------------|-------|--|
| VITAL-4522 | Bug | Vital 7.0 does not support the display of JPEG2000 images that use Alpha Channels in the Hi-Res Image Navigator. A JPEG2000 will use Alpha Channels if it derives from a TIFF image that uses Alpha Channels. Additionally, a JPEG2000 that uses Alpha Channels may display colors that are incorrect in the Mirador viewer. These issues will be fixed in an upcoming release of Vital. |