



**DigiTool Version 3.3
(Service Pack 01) Release Notes
March 2011**

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1. Introduction

This service pack is the first service pack of the 3.3 revision (3.3.1). It provides fixes and corrections as well as new enhancements to DigiTool.

1.1 Purpose and Scope

The purpose of this document is to describe the functional and technical changes related to fixed defects (SIs) and all new enhancements included in this mini-release version.

Wherever possible, implementation actions will be performed automatically by the SP mechanism – particularly for mandatory and recommended setup changes involving server-side setup and configuration implementation steps. You will receive an e-mail with the list of changes applied, as well as a “To Do” list of any remaining manual changes that may still be required, if any. This document will be attached to the e-mail described.

Where relevant, the additional manual steps that remain to be taken to activate any new functionality or change are described and organized by topic, level, and target audience. Generally, the non-automatic changes are non-mandatory, but there may be infrequent exceptions which will be denoted accordingly.

Ideally, and in most cases, the SP can be installed and no further changes will be needed in order to continue working with the system.

Important:

- You must run `set_globals.sh` after installing and implementing any relevant manual changes related to this SP, and before starting the application again with `dtl_startup_all`.

```
>>j_bin
```

```
>>./set_globals.sh
```

```
>>dtle
```

```
>>dtl_startup_all
```

- Always run Meditor’s version update after each SP installation to ensure that you have the most recent and working functionality of the Meditor PC client. To run the version update, select **DigiTool > Utilities > Version Check** using Meditor’s top toolbar.

1.2 Service Pack Information

1.2.1 DigiTool Revision, Service Pack Name & Number

DigiTool v 3.3 Service Pack 01 (3.3.1) – March, 2011

1.2.2 Service Pack Highlights

The service pack items are categorized by the following:

- **Main enhancements** – [Summary of the main new developments](#) in this mini-release. Some of these new developments will also be mentioned in the following sections, since they might require modifications to configuration/setup as described below.
- **Implementation actions** – Changes that involve some setup/configuration modification that must be activated. Two types of implementation actions exist:
 - Changes that involve modifications to configuration/setup in order to **allow** the use of the new change/function/feature. These changes are noted in the SP automated e-mail report and in the [Changes with Implementation Actions](#) table. These changes will usually be automated.
 - Changes that may also involve instructions on **how** to use the new change/function/feature. These changes are also included in the [Changes with Implementation Actions](#) table. They are usually optional and contain instructions on how to use a new function/feature. These changes may be entirely automatic (done by SP), partially automatic (there may be additional steps to initiate), or manual (may require additional actions to activate).
 - Additional specifications:
 - Level
 - Mandatory – It is mandatory to activate this feature (auto or manual).
 - Recommended – It is not mandatory, but it is the recommendation of Ex Libris that the change be initiated.
 - Optional – It is possible to choose whether or not to activate the new feature.
 - Target Audience
 - ALL
 - Module/orientation-specific

- **No implementation actions** – Changes that do not involve any setup/configuration change, and are generally code-based changes. These changes are always automatic. They can be viewed in the [Code Changes \(No Implementation Actions\)](#) table.

2. Service Pack Content Summary

Below is a list of corrections and enhancements included in this service pack (SP). More detailed descriptions, where relevant, are provided in subsequent sections.

The first table represents those changes that involve configuration changes that are either performed automatically or must be performed manually in order to be activated. The Auto-Enable column indicates whether or not the change was intended to be automatically performed by the SP. However, ensure that you check the SP-generated e-mail after the SP is installed to see the status of any unperformed actions that were intended to be either automatic or manual.

The second table represents a list of defect fixes (code change only) that are automatically fixed by the SP mechanism patch.

Items that have additional information or implementation actions will be linkable from the Change ID # column.

2.1 Main New Developments

2.1.1 Global Changes in the Repository

This new development enables customers to run a batch maintenance job process that will change numerous metadata records.

2.1.2 Additional Collection Details in Search Results

This new development enables showing additional collection details in the search results screen.

When searching a collection in the Resource Discovery collection navigation path, the short and long descriptions of the collection are displayed in the search results Collection Details screen.

2.1.3 Enhanced Error Messages

This new development enables showing detailed error messages. When submitting the patron/depositor registration form without completing all mandatory fields, the error message displayed indicates the missing field as it originally appeared in the form. The missing field will be highlighted.

2.1.4 Set Current Base and Silo According to User Web Profile Base Definition

This new development enables directing the user to the base according to the user's Web profile base, even if there is a conflict between the current active library (www_silo parameter in www_server_conf) and the user's Web profile default base. If the Web profile default base belongs to a silo that currently has an active backup silo, the user is directed to the corresponding base in the backup silo.

2.1.5 Show Delivery Rating in Resource Discovery

The system gathers delivery requests for an object from the Resource Discovery module and displays the number of requests for each object in the Resource Discovery full view.

2.1.6 Saving Resource Discovery Files as Text Files

When saving documents in the Resource Discovery module, the default file extension was .sav. This development enables configuring the file extension to be .txt.

2.2 Changes with Implementation Actions

Change ID #	Target Audience	Brief Description	Level	Type	Module/ Topic	RPC #	Auto Enable
1	ALL	Upload Server Files - Include Subdirectories check box was added.	Recommended	Enhancement	Web Ingest	1546	Y
2	ALL	Assign Control Attributes job now enables you to clear the attribute value.	Recommended	Enhancement	Management	1547	Y
3	Sites using RD	When searching a collection in Resource Discovery, the collection details are now available in the search results.	Optional	Enhancement	Resource Discovery	1552	N
4	ALL	Error message now available for false login.	Mandatory	Bug	General	1557	Y
5	ALL	Enhanced the error messages displayed when submitting a registration form without completing all mandatory fields.	Optional	Bug	Deposit	1558	N
6	ALL	Added the ability to enable/disable the base collection searched when accessing the advanced search from Collection Management.	Recommended	Bug	Resource Discovery	1561	N

Change ID #	Target Audience	Brief Description	Level	Type	Module/ Topic	RPC #	Auto Enable
<u>7</u>	ALL	Current base and silo are now set according to the user Web profile base definition. Cases of multi and backup active silos are considered.	Mandatory	Bug	Resource Discovery	1562	Y
<u>8</u>	ALL	A new job, Metadata Global Changes, was added to the Maintenance job list.	Optional	Enhancement	Management	1566	Y
<u>9</u>	Sites using RD	Delivery rating now displayed in Resource Discovery.	Recommended	Enhancement	Resource Discovery	1571	N
<u>10</u>	ALL	Now support saving a Resource Discovery file with a .txt extension.	Optional	Enhancement	Resource Discovery	1575	N
<u>11</u>	ALL	The Delivery system port is now set only according to the Meditor's new DELIV_MEDITOR_PORT parameter.	Optional	Bug	Meditor	1576	N

2.3 Code Changes (No Implementation Actions)

Change ID #	Target Audience	Description	Type	Module/ Topic	RPC #
1	Sites using METS	Errors in METS viewer TOC	Defect	METS	1544
2	ALL	Indexing of MODS with v3 namespace	Defect	Indexing	1545
3	ALL	Fixed delivery of PDF files with defined copyrights	Defect	Delivery	1548
4	ALL	<p>DC field updates should not overwrite other admin unit configuration.</p> <p>1. When a DC field is updated through the DC Fields interface, the admin unit configuration of the field is rewritten. The common configuration (tab12, tab01.<lng>, tab11_word, www_r_silo_conf.xml, harvesting_schema.xml and repository_indexing_schema.xml) is preserved and only new information is added. Thus the DC field can have different attributes in different admin units.</p> <p>2. When a DC field is deleted through the DC Fields interface, the common field configuration is preserved. Thus the field can be deleted from one unit, while remaining in the other unit.</p> <p>3. When the dcterms field is updated, its code in tab12 is not changed.</p>	Defect	General	1549
5	Sites using METS	Multiple METS ingest within the acquiring recurring ingest workflow no longer takes only the first METS.	Defect	WebIngest	1550
6	Sites using RD	Added support for the display of all objects in the Resource Discovery collection of over 1000 items.	Defect	Resource Discovery	1551
7	Sites using RD	The search_terms parameter in the Resource Discovery thumbnail link is now supported according to the system-wide search_terms length instead of only 20 characters.	Defect	Search	1553
8	Sites using RD	Search now supported in Resource Discovery when the record title is a link itself and contains a single quote.	Defect	Search	1554
9	Sites using RD	Resource Discovery full results will now support up to 60 metadata fields, including empty fields (that are not displayed).	Defect	Resource Discovery	1555
10	Sites using X-Server	Fixed the improper parameter setting that caused the bor-info x-service to fail during login to the Deposit module	Defect	X-Server	1556

Change ID #	Target Audience	Description	Type	Module/ Topic	RPC #
11	ALL	Added support for the png thumbnail display in Resource Discovery	Enhancement	Resource Discovery	1559
12	ALL	Improved handling changes in objects Manifestation list during harvest update	Defect	Harvest	1560
13	ALL	Fixed copy-paste functionality of a DC record with an empty attribute.	Defect	Meditor	1563
14	ALL	Repository search in the Meditor by modification date caused an error message to display in the search screen when pushing the object to edit mode. This was fixed.	Defect	Meditor	1564
15	ALL	Updated the online help for Repository storage	Defect	Documentation	1565
16	ALL	Fixed the problem of some mimetypes not opening during delivery	Defect	Delivery	1567
17	ALL	A new cleanup script to remove old idx files was created. The script removes extraneous repository idx files from the disk and prints the names of the deleted idx files. To run the script, use the following command: j_bin dbtool.sh clean_unused_index_files	Enhancement	General	1568
18	ALL	When right-clicking on an object in the Delivery viewer and selecting Save As, the file name in the Save As dialog box will now be populated with the title of the object as displayed in the viewer.	Enhancement	Delivery	1514
19	ALL	Fixed the issue of the Control Section Attribute Assignment task not allowing for a null value for the Entity Group	Defect	Ingest	1515
20	ALL	Fixed the issue of double quotes in a search term causing an error during delivery	Defect	Delivery	1516
21	ALL	Extended date range support for additional date formats.	Enhancement	Search	1518
22	ALL	In certain cases, the BIRT Collection Distribution report caused performance issues.	Defect	Reports	1520
23	ALL	Cache for filestreams delivered via pdfcgi or textcgi vpp was not refreshed when replacing the filestream via the Meditor. This has been fixed.	Defect	Meditor	1521
24	Sites using RD	Extended Resource Discovery functionality for URLs in metadata.	Defect	Resource Discovery	1522

Change ID #	Target Audience	Description	Type	Module/ Topic	RPC #
25	ALL	A new check box has been added to the delivery rules to enable delivery only to mobile devices. Any new delivery rules to be used for mobile devices should be placed in the rule order before the Simple Viewer delivery rule (which should not be flagged). The priority for the mobile devices rule should be higher, with the number lower than those of the Simple Viewer delivery rule.	Enhancement	Delivery	1523
26	ALL	When editing the descriptive information form in a Deposit or Approver workflow, the selected values in the combo boxes would sometimes be reset. This has been fixed.	Defect	Deposit	1525
27	ALL	Fixed the unexpected error in the Approver after replacing a submitted file	Defect	Deposit	1526
28	ALL	Visual enhancement of the Page Turner mode in the viewer	Enhancement	Viewer	1527
29	ALL	Enhanced the security for files delivered from Apache. The file names of PDF and text files delivered via the CGI viewer preprocessors will be encrypted before being copied to the apache_media directory.	Enhancement	General	1531
30	ALL	In some cases, derivatives of complex objects' children would not inherit the file_id of the source object. This has been fixed.	Defect	General	1532
31	ALL	Fixes to the Collection Distribution report. 1. The Collection Distribution report incorrectly counted the number of files and the collection size for logical collections containing more records than the result set limit defined in www_server.conf (set_result_set_limit). This has been fixed. 2. The Collection Distribution report failed when a collection object contained a metadata field larger than 2000 characters. This has been fixed. 3. Changed the title of the Delivery Usage report to Viewable Items (Itemized Collections for the collections summary).	Defect	Reports	1533
32	ALL	Image Uploader applet for Ingest has been upgraded	Enhancement	Deposit	1534
33	ALL	Snippets activated for all full text	Enhancement	Search	1536
34	ALL	In the Meditor, the Repository Search screen did not always display properly (without banner and menu tabs). This has been fixed.	Defect	Meditor	1537
35	ALL	Performance of the Checksum job has been enhanced to use less memory to facilitate running the job on larger files.	Defect	General	1539

Change ID #	Target Audience	Description	Type	Module/ Topic	RPC #
36	ALL	Occasionally, during peak periods, the following error message appeared when users tried to search: "You have not performed a search." This has been fixed.	Defect	Search	1540
37	ALL	Technical	Enhancement	General	1543

3. Changes with Implementation Actions (Detailed)

3.1 Change 1 – Upload Server Files - Include Subdirectories check box was added

Level – Recommended
Target audience – ALL
Type - Enhancement
Module – Web Ingest
Automatically enabled – Y

Description: When adding files from the selected directory, if the Include Subdirectories check box is selected, the files are taken from all the subdirectories of the selected directory. If the check box is not selected, the files are taken from the root directory only.

Automatic steps performed by the SP – for reference:

Adds the following line to the `$jdtlh/system/conf/i18n/messages*.properties` and ``${jdtlh}/profile/overwrites/conf/i18n/messages*.properties` files:

```
i.label.upload.include_subdirectories=Include subdirectories
```

Click [here](#) to return to the table above.

3.2 Change 2 – Assign Control Attributes job now enables clearing the attribute value

Level – Recommended
Target audience – ALL
Type - Enhancement
Module – Management
Automatically enabled – Y

Description: To clear a control attribute value, select the attribute from the Name box, leave the Value box empty, and click the Next button. The job clears the value of the selected control attribute.

Automatic steps performed by the SP – for reference:

Adds the following lines to the `$jdtlh/system/conf/i18n/messages*.properties` and ``${jdtlh}/profile/overwrites/conf/i18n/messages*.properties` files:

```
mng.job.control.attr.empty.attr.warning=Values of the following fields will be cleared for all objects in the set:
```

```

mng.job.control.attr.empty.attr.name.label=Label
mng.job.control.attr.empty.attr.name.note=Note
mng.job.control.attr.empty.attr.name.entity_type=Entity Type
mng.job.control.attr.empty.attr.name.usage_type=Usage Type
mng.job.control.attr.empty.attr.name.preservation_level=Preservation Level
mng.job.control.attr.empty.attr.name.partition_a=Partition A
mng.job.control.attr.empty.attr.name.partition_b=Partition B
mng.job.control.attr.empty.attr.name.partition_c=Partition C
mng.job.control.attr.empty.attr.name.status=Status
mng.job.control.attr.empty.attr.name.creation_date=Creation Date
mng.job.control.attr.empty.attr.name.modification_date=Modification Date

```

Click [here](#) to return to the table above.

3.3 Change 3 – When searching a collection in Resource Discovery, the collection details are now available in the search results

Level – Optional
Target audience – Sites using RD
Type - Enhancement
Module – Resource Discovery
Automatically enabled – N

Description: The following collection details are now available in the search results:

1. The collection’s short and long descriptions
2. The collection’s navigation path

How to implement:

Add a new section, collection-descr, to the following files:

- \$dtle_root/www_r_lng/results-brief-body
- \$dtle_root/www_r_lng/results-full-body
- \$dtle_root/www_r_lng/results-table-body

```

<!-- START_SECTION --><!-- collection-descr -->

<TABLE CELLSPACING="0" CELLPADDING="0" BORDER="0" width="100%">
  <TR class="BlockSkyBlue">
    <TD WIDTH="50">
      <!-- 0100: Collection Name; 0200: Collection Thumbnail; 0300: Collection
      Short Description -->
      <IMG SRC="$0200" WIDTH="30" HEIGHT="30" BORDER="0" Title="$0100"
      ALT="$0100" hspace="6" vspace="10"></TD>
      <TD style="padding-left:2px"><SPAN
      CLASS="LabelBlueBold">$0300</SPAN>

      <A HREF="javascript:void(0)" class="LabelBlueBold" onclick="return
      wrapContent
      (event, this.href, 0, 0, '<IFRAME NAME=frame
      SRC=&server_r?func=collections-more&collection_id=$0400 WIDTH=410

```



```

HEIGHT=220 BORDER=0 FRAMEBORDER=0 FRAMESPACING=0 scrolling=auto></IFRAME>',
410);">
        //More...\</A>
    </TD>
</TR>
</TABLE>

<!-- END_SECTION --><!-- collection-descr -->

```

Click [here](#) to return to the table above.

3.4 Change 4 – Error message now available for false login

Level – **Mandatory**
Target audience – **ALL**
Type - **Bug**
Module – **Generl**
Automatically enabled – **Y**

Description: An error message is now displayed in the case of a false login.

Automatic steps performed by the SP – for reference:

Adds the following line to the \$jdtlh/system/conf/i18n/messages*.properties and \$jdtlh/profile/overwrites/conf/i18n/messages*.properties files:

```
c.login.wrong.password=Wrong/Invalid user name was provided
```

Click [here](#) to return to the table above.

3.5 Change 5 – Enhanced the error messages displayed when submitting a registration form without completing all mandatory fields

Level – **Optional**
Target audience – **ALL**
Type – **Bug**
Module – **Deposit**
Automatically enabled – **N**

Description: When submitting the patron/depositor registration form without completing all mandatory fields, the error message displayed now indicates the missing field as it originally appeared in the form. The missing field will be highlighted.

How to implement:

1. Add the following function in \$dtle_root/www_r_lng/js/scripts.js file:

```
/* Load and edit Error message in Registration screen */
```

```

function load_error_message(origError)
{
  var ErrMsg = origError;
  var Arr = origError.split("[");
  if (Arr.length > 1){
    var msgText = Arr[0];
    var Arr1 = Arr[1].split("]");
    var elmtName = Arr1[0];
    elmtName = elmtName.toLowerCase();
    elmtName = "M_" + elmtName;
    var TagId = document.getElementById(elmtName);
    if (TagId != null && TagId.innerHTML != ""){
      var elmtCnt = TagId.innerHTML;
      var elmtLen = elmtCnt.length - 1;
      elmtCnt= elmtCnt.substr(0, elmtLen)

      ErrMsg = msgText + " [" + elmtCnt + "].";

      if (document.getElementsByName(elmtName).length != 0)
        document.getElementsByName(elmtName)[1].focus();
    }
  }

  if (document.getElementById('feedback') != null )
    document.getElementById('feedback').innerHTML = ErrMsg;
}

```

2. Change the <BODY> tag in the \$dtle_root/www_r_lng/register-head file from:

```
<BODY>
```

To:

```
<BODY onload="load_error_message('$9000')">
```

In addition, add the following line under <include>header-include:

```
<BODY onload="load_error_message('$9000')">
```

3. Change the following in the \$dtle_root/www_r_lng/feedback file:

```
<TD><SPAN CLASS="msg">$9000</SPAN></TD>
```

To:

```
<TD><SPAN id="feedback" CLASS="msg">$9000</SPAN></TD>
```

4. Put registration form labels into the new <DIV id="M_'Entry field name'"> tag in the \$dtle_root/www_r_lng/register-body. Add these to the mandatory fields in the form, in which the name field starts with M_ (for example: <INPUT TYPE name="M_">), from:

```

    <TD class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-RIGHT:18PX">//User
ID\\:</TD>
    <TD class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-
RIGHT:8PX">//Password\\:</TD>
    <TD class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-RIGHT:8PX"
nowrap>//Verify Password\\:</TD>
    <TD valign="middle" class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-
RIGHT:8PX">//Name\\:</TD>
    <TD valign="middle" class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-
RIGHT:8PX">//Address\\:</TD>
    <TD valign="middle" class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-
RIGHT:8PX">//Telephone\\ 1:</TD>
    <TD valign="middle" class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-
RIGHT:8PX" nowrap>//e-Mail Address\\:</TD>

```

To:

```

    <TD class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-RIGHT:18PX"><div
id="M_user_id">//User ID\\:</div></TD>
    <TD class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-RIGHT:8PX"><div
id="M_password">//Password\\:</div></TD>
    <TD class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-RIGHT:8PX" nowrap><div
id="M_password1">//Verify Password\\:</div></TD>
    <TD valign="middle" class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-
RIGHT:8PX"><div id="M_name">//Name\\:</div></TD>
    <TD valign="middle" class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-
RIGHT:8PX"><div id="M_address">//Address\\:</div></TD>
    <TD valign="middle" class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-
RIGHT:8PX"><div id="M_phone_1">//Telephone\\ 1:</div></TD>
    <TD valign="middle" class="LabelBlueBold" STYLE="PADDING-LEFT:8PX;PADDING-
RIGHT:8PX" nowrap><div id="M_email">//e-Mail Address\\:</div></TD>

```

Click [here](#) to return to the table above.

3.6 Change 6 – Added the ability to enable/disable the base collection searched when accessing the advanced search from Collection Management

Level – **Recommended**
Target audience – **ALL**
Type - **Bug**
Module – **Resource Discovery**
Automatically enabled – **N**

Description: When accessing the Resource Discovery advanced search from the Collection Management module, the **Select collection** drop-down list is defined according to the collection search base.

- If the collection search base is a specified admin unit, the collection list will be disabled.
- If the collection search base is a general silo, the collection list will be enabled.

How to implement:

1. Change the following in the collection-head section of the `$dtle_root/www_r_lng/search-advanced-body` file:

```
<SELECT NAME="LOCAL_BASE" class="Form">
```

To:

```
<SELECT NAME="LOCAL_BASE" class="Form" $1500>
```

2. Change the following in the collection-head section of the `$dtle_root/www_r_lng/search-advanced-body-1` file:

```
<SELECT NAME="LOCAL_BASE" class="Form">
```

To:

```
<SELECT NAME="LOCAL_BASE" class="Form" $1500>
```

Click [here](#) to return to the table above.

3.7 Change 7 – Current base and silo are now set according to the user Web profile base definition. Cases of multi and backup active silos are considered.

Level – Mandatory
Target audience – ALL
Type – Bug
Module – Resource Discovery
Automatically enabled – Y

Description: When first accessing or logging in to Resource Discovery, you will be directed to the base according to your Web profile base, even if there is a conflict between the current active library (in `www_silo`) and the Web profile default base.

If the Web profile default base belongs to a silo that currently has an active backup silo, you will be directed to the corresponding base in the backup silo.

To identify current backup silos, the new file `dtl_proc/silo_backup_pair` will be created when `www_server` is restarted. This file holds pairs of the silo, its backup, and the active silo.

Search history in My Space (records in Z123):

1. The history search queries will filter and display only queries that belong to the current silo.
2. The `p_set_active_silo` script was enhanced to update the `Z123_BASE` and `Z123_LIBRARY` in `Z123` records to be the active silo (and corresponding base).

The new function `set_z123_active_base` was created and used to set the base.

Automatic steps performed by the SP – for reference:

Creates the `z123` function, `p_update_z123_base`, in the `DAT01` schema:

```
source $dtl_proc/def_local_env
set lib_code = "dat01"
start_proc00 $lib_code
csh -f $dtl_proc/z123_create_function $lib_code
```

Click [here](#) to return to the table above.

3.8 Change 8 – A new job, Metadata Global Changes, was added to the Maintenance job list

Level – Optional
Target audience – ALL
Type – Enhancement
Module – Management
Automatically enabled – Y

Description: This job can be used to update the DC, MARC, MODS, and access rights metadata types for selected digital entities. The job supports the following operations on metadata: Add, Update, Delete, Copy, and Move. The job can work in test mode, storing the updated metadata sample in a test directory without updating the database.

Automatic steps performed by the SP – for reference:

1. Adds the following to the \$jdtlh/system/conf/repository_jobs_configuration.xml file:

```
<repository_job name="Metadata Global Changes" type="processing">
<job_class>com.exlibris.digitool.repository.maintenance.MetadataGlobalChangesJob</
job_class>
  <ui_description>Metadata Global Changes</ui_description>
  <ui_explanation>Metadata Global Changes</ui_explanation>
  <output_file_name>MetadataGlobalChangesReport</output_file_name>
  <fr:x_form>
    <form_name>MetadataGlobalChangesJobForm</form_name>
    <description>Metadata Gloabl Changes</description>
    <grid_x>2</grid_x>
    <md_format>1</md_format>
    <x_fields>
      <x_field>
        <input_name>changeType</input_name>
        <md_target_name>changeType</md_target_name>
        <md_custom_target>changeType</md_custom_target>
        <ui_description>Operation:</ui_description>
        <ui_explanation_text>Operation</ui_explanation_text>
        <ui_tool_tip>Operation</ui_tool_tip>
        <single>>true</single>
        <default_value>add</default_value>
        <pos_x>1</pos_x>
        <pos_y>1</pos_y>
        <mandatory>true</mandatory>
        <logic_type>2</logic_type>
        <x_ui_type>ComboBox</x_ui_type>
        <x_options>
          <x_option>
            <value>add</value>
            <label>Add tag to selected metadata</label>
          </x_option>
          <x_option>
            <value>update</value>
            <label>Update selected metadata tag</label>
          </x_option>
        </x_options>
      </x_field>
    </x_fields>
  </fr:x_form>
</repository_job>
```

```

        </x_option>
        <x_option>
            <value>delete</value>
            <label>Delete tag from selected metadata</label>
        </x_option>
        <x_option>
            <value>copy</value>
            <label>Copy tag value to different tag on selected
metadata</label>
        </x_option>
        <x_option>
            <value>move</value>
            <label>Move tag value to different tag on selected
metadata</label>
        </x_option>
    </x_options>
    <x_events>
        <x_event>
            <event_name>onchange</event_name>
            <js_code>
metadataGlobalChangesOperationChange(this.value);
            </js_code>
        </x_event>
    </x_events>
</x_field>
<x_field>
    <input_name>mdType</input_name>
    <ui_description>Metadata type:</ui_description>
    <ui_explanation_text>Metadata type</ui_explanation_text>
    <ui_tool_tip>Metadata type</ui_tool_tip>
    <single>true</single>
    <default_value></default_value>
    <pos_x>1</pos_x>
    <pos_y>1</pos_y>
    <mandatory>true</mandatory>
    <logic_type>2</logic_type>
    <x_ui_type>ComboBox</x_ui_type>
    <x_options>
        <x_option>
            <value>dc</value>
            <label>Dublin Core</label>
        </x_option>
        <x_option>
            <value>marc</value>
            <label>MARC</label>
        </x_option>
        <x_option>
            <value>mods</value>
            <label>MODS</label>
        </x_option>
        <x_option>
            <value>rights_md</value>
            <label>Access Rights</label>
        </x_option>
    </x_options>
</x_field>

```

```

<x_field>
  <input_name>inputXPath</input_name>
  <ui_description>Input XPath:</ui_description>
  <ui_explanation_text>Input XPath</ui_explanation_text>
  <ui_tool_tip>Input XPath</ui_tool_tip>
  <single>>true</single>
  <default_value></default_value>
  <pos_x>1</pos_x>
  <pos_y>1</pos_y>
  <mandatory>>true</mandatory>
  <logic_type>4</logic_type>
  <x_ui_type>TextArea</x_ui_type>
  <x_options></x_options>
</x_field>
<x_field>
  <input_name>targetXPath</input_name>
  <ui_description>Target XPath:</ui_description>
  <ui_explanation_text>Target XPath</ui_explanation_text>
  <ui_tool_tip>Target XPath</ui_tool_tip>
  <single>>true</single>
  <default_value></default_value>
  <pos_x>1</pos_x>
  <pos_y>2</pos_y>
  <mandatory>false</mandatory>
  <logic_type>4</logic_type>
  <x_ui_type>TextArea</x_ui_type>
  <x_options></x_options>
</x_field>
<x_field>
  <input_name>value</input_name>
  <ui_description>Value:</ui_description>
  <ui_explanation_text>Value</ui_explanation_text>
  <ui_tool_tip>Value</ui_tool_tip>
  <single>>true</single>
  <default_value></default_value>
  <pos_x>1</pos_x>
  <pos_y>1</pos_y>
  <mandatory>false</mandatory>
  <logic_type>4</logic_type>
  <x_ui_type>TextArea</x_ui_type>
  <x_options></x_options>
</x_field>
<x_field>
  <input_name>testMode</input_name>
  <ui_description>Test mode:</ui_description>
  <ui_explanation_text>Test mode</ui_explanation_text>
  <ui_tool_tip>Test mode</ui_tool_tip>
  <single>>true</single>
  <default_value>Y</default_value>
  <pos_x>1</pos_x>
  <pos_y>1</pos_y>
  <mandatory>true</mandatory>
  <logic_type>2</logic_type>
  <x_ui_type>ComboBox</x_ui_type>
  <x_options>
    <x_option>

```



```

                <value>Y</value>
                <label>Yes</label>
            </x_option>
            <x_option>
                <value>N</value>
                <label>No</label>
            </x_option>
        </x_options>
        <x_events>
            <x_event>
                <event_name>onChange</event_name>
                <js_code>
metadataGlobalChangesTestModeChange(this.value);
                </js_code>
            </x_event>
        </x_events>
    </x_field>
    <x_field>
        <input_name>testDirectory</input_name>
        <ui_description>Test directory:</ui_description>
        <ui_explanation_text>Test directory</ui_explanation_text>
        <ui_tool_tip>Test directory</ui_tool_tip>
        <single>true</single>
        <default_value></default_value>
        <pos_x>1</pos_x>
        <pos_y>1</pos_y>
        <mandatory>false</mandatory>
        <logic_type>1</logic_type>
        <x_ui_type>TextField</x_ui_type>
        <x_options></x_options>
    </x_field>
</x_fields>
</fr:x_form>
<report_xsd>MetadataGlobalChangesJobReport</report_xsd>
</repository_job>

```

2. Reloads the repository configuration.

Click [here](#) to return to the table above.

3.9 Change 9 – Delivery rating now displayed in Resource Discovery

Level – Recommended
Target audience – Sites Using RD
Type – Enhancement
Module – Resource Discovery
Automatically enabled – Y

Description: DigiTool will gather document delivery requests from Resource Discovery and display the number of requests in the Resource Discovery full view. The displayed statistics will be generated for the Resource Discovery document and will summarize the number of delivery requests for all digital entities included in that document's group of manifestations.

How to implement:

1. Add the following at the end of the `open_window_delivery` function in the `$dtle_root/www_r_lng/js/scripts.js` file:

```
if (window.XMLHttpRequest)
  { // code for IE7+, Firefox, Chrome, Opera, Safari
    xmlhttp=new XMLHttpRequest();
  }
else
  { // code for IE6, IE5
    xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");
  }

var strArr = loc.split("&");
var pid = "";
var rd_session = "";
for (var i=0; i < strArr.length ; i++){
  if (strArr[i].substr(0,11) == "rd_session=" )
    rd_session = strArr[i].substr(11);
  if (strArr[i].substr(0,4) == "pid=" )
    pid = strArr[i];
}
rd_session = rd_session.concat("?func=update-pid-rating");
if (pid != ""){
  pid = pid.toUpperCase();
  rd_session = rd_session + "&" + pid ;
}
xmlhttp.open("GET",rd_session,true);
xmlhttp.send();
```

2. To display this field, add the following under the `<results_full>` tag in the `$_{gen01_dev}/gen01/tab/www_r_silo_conf.xml` file:

```
<line>
  <code type="BUILTIN">RATING</code>
  <name lng="ENG">Number of Deliveries</name>
  <name lng="GER">Anzahl der Aufrufe</name>
  <name lng="FRE">Nombre d'acc_@s</name>
```

```
<name lng="HEB">????? ????</name>
</line>
```

Automatic steps performed by the SP – for reference:

1. Adds the Z313 table and index in the `file_list` of the DAT01 schema:

```
set file_name = "${user_dev}/dat01/file_list"
perl ../add_to_flat_file.pl "$file_name" "z313" "TAB z313" 1M
1M      ts0"
perl ../add_to_flat_file.pl "$file_name" "z313_id" "IND z313_id" 1M
1M      ts1"
check_status
```

2. Creates the Z313 table and index in the DAT01 schema and inserts data into Z313:

```
set source_par = "dat01"
source $dtlm_proc/set_lib_env >& /dev/null
csh -f $dtl_proc/util_a_17_b table Z313
csh -f $dtl_proc/util_a_17_b index Z313_ID
csh -f $dtl_proc/p_set_z313_data 1
```

Click [here](#) to return to the table above.

3.10 Change 10 – Now support saving a Resource Discovery file with a .txt extension

Level – Optional
Target audience – ALL
Type – Enhancement
Module – Resource Discovery
Automatically enabled – N

Description: Previously, when saving documents in Resource Discovery, the file extension was .sav. Now it will be possible to save files with a .txt extension..

How to implement:

1. Add the following line in the `$user_dev/dtle/www_r_lng/results-full-save` file, under the `'FORM METHOD="POST"'` tag:

```
<input type="hidden" name="extension" value="txt">
```

2. Add the following in `$dtle_root/apache/conf/httpd.conf` (and `.tml`) and restart Apache:

```
# Force the browser to show SaveAs dialog for txt files
<FilesMatch "\.txt$">
<IfModule mod_headers.c>
Header set Content-Disposition "attachment"
</IfModule>
</FilesMatch>
```

Click [here](#) to return to the table above.

3.11 Change 11 – The Delivery system port is now only set according to Meditor’s new DELIV_MEDITOR_PORT parameter

Level – **Optional**
Target audience – **ALL**
Type – **Bug**
Module – **Meditor**
Automatically enabled – **N**

Description: Delivery system host and port parameters are used in the Meditor and Resource Discovery. Previously, if you changed the Apache Web port to 80, you experienced problems in viewing objects from the Meditor. Now, a new system parameter, DELIV_MEDITOR_PORT, will be defined in order to set the Delivery system port specifically from the Meditor, when switching to port 80. Defining this parameter is optional. If the parameter is not defined, the default Delivery port parameter is DELIV_SYS_PORT..

Automatic steps performed by the SP – for reference:

When changing the Apache Web port to 80, if the \$JBOSS_PORT is not closed, define the following new parameter:

```
DELIV_MEDITOR_PORT = ${JBOSS_PORT}
```

Click [here](#) to return to the table above.