



DigiTool Version 3.2 (Service Pack 26) Release Notes

December 2009

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Introduction

DigiTool service pack 26 is the fifth service pack of the revision (mini-release) 3.2. This service pack provides fixes and corrections to DTL.

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.

Whenever 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.

Note: 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
```

Note: 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.

Service Pack Information

DigiTool Revision, Service Pack Name & Number

DigiTool v 3.2 Service Pack 26 – December, 2009

Service Pack Highlights

The service pack items are categorized by the following:

- **Implementation actions** – Changes that involve some setup/configuration modification that must be activated. Two main classes 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 (may be additional steps to initiate), or manual (may require additional actions to activate).
 - 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.

Service Pack Content Summary

Below is a list of corrections and enhancements included in this service pack. More detailed descriptions, when relevant, are provided in subsequent chapters.

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) which are automatically fixed by the SP mechanism patch.

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

Changes with Implementation Actions

Change ID #	Target Audience	Brief Description	Level	Type	Module/ Topic	RPC #	Auto Enable
1	ALL	Maintenance Jobs	Mandatory	Defect	Management	1422	Y
2	Sites using Harvest	Ensuring harvesting_schema.xml is valid before running harvest	Recommended	Enhancement	Repository Synchronization	1424	N
3	ALL	Update Oracle driver version	Mandatory	Defect	Management	1427	Y

Code Changes (No Implementation Actions)

Change ID #	Target Audience	Description	Type	Module/ Topic	RPC #
1	Sites using Deposit	Few defect fixes in the Deposit module	Defect	Deposit	1421
2	ALL	Few defect fixes in the Ingest module	Defect	Ingest	1423
3	Sites using METS	Editing the structMap of METS in Meditor	Defect	Meditor	1425
4	Sites using PDS and LDAP	PDS and LDAP issues when they are installed outside of the DigiTool server.	Defect	PDS	1426
5	ALL	Meditor now supports multiple whitespaces in MARC leader and control fields 006-008.	Defect	Meditor	1428
6	Sites using Collection Management	Collection Management, better handling of double-quote (") and single-quote (').	Defect	Collection Management	1429
7	Sites using METS	Few defect fixes of METS issues	Defect	Thumbnail Task and Meditor	1430
8	Sites using METS	Improving Harvest performance when handling METS ALTO	Enhancement	Harvest	1431
9	Sites using METS	Technical	Defect	METS Viewer	1432

Change ID #	Target Audience	Description	Type	Module/ Topic	RPC #
10	ALL	Handling of MARC xml file containing a very long field.	Defect	Meditor	1433
11	ALL	Few Delivery issues and support for FireFox 3.5 browser	Defect	Delivery	1434
12	ALL	Technical	Technical	PDF Viewer	1435
13	ALL	Restoring files when rolling back an Acquire Ingest	Defect	Ingest	1436
14	Sites using Harvest	Performance improvements to harvest and post-harvest indexing (ue-01) processes.	Enhancement	Harvest	1437
15	ALL	Indexing XML files containing special characters	Defect	Indexing	1438

Changes with Implementation Actions (Detailed)

Change 1 – Add Field to General Manifestation Job

Level – **Mandatory**
Target Audience – **ALL**
Type - **Defec**
Module – **Managment**
Automatically enabled – **Y**

Description:

1. The following three maintenance jobs will cause shared mid related DEs to update their modification date even though they were not actually touched:
 - a. Add Metadata
 - b. Create Premis/Handle identifier
 - c. Technical metadata extraction
2. The General Manifestation job output usagetype value was hard-coded as VIEW. It is now configurable via the default in repository_stream_handler.xml.

Automatic Steps Performed by the SP – for Reference:

Add the following section to the General Manifestation definition in
\${jdtlh}/system/conf/repository_jobs_configuration.xml:

```
<x_field>
    <input_name>manUsageType</input_name>
    <md_target_name>manUsageType</md_target_name>
    <md_custom_target>manUsageType</md_custom_target>
    <ui_description>New Manifestation Usage Type:</ui_description>
    <ui_explanation_text>New Manifestation Usage Type:</ui_explanation_text>
    <ui_tool_tip>New Manifestation Usage Type:</ui_tool_tip>
    <single>false</single>
    <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>
    <default_value>VIEW</default_value>
    <x_options>
        <x_option>
            <value>values_populator_class</value>
            <label>com.exlibris.digitool.infrastructure.utils.formBuilder.populators.
```

```
UsageTypePopulator</label>
  </x_option>
</x_options>
</x_field>
```

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

Change 2 – Ensuring harvesting_schema.xml Is Valid Before Running Harvest

Level – **Recommended**
Target Audience – **ALL**
Type - **Enhancement**
Module – **Repository Synchronization**
Automatically enabled – **N**

Description: Ensuring harvesting_schema.xml is valid before running harvest

How to implement:

In \$user_dev/dtle/dtl_start, add the following:

```
setenv validate_hs_lvl 1
```

Value 1 - to check that harvesting_schema.xml file contains a valid XML.

Value 2 - to check that harvesting_schema.xml file contains a valid XML and a valid XSD.

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

Change 3 – Update Oracle Driver Version

Level – **Mandatory**
Target Audience – **ALL**
Type - **Defect**
Module – **Management**
Automatically enabled – **Y**

Description: Update the Oracle driver version according to the Oracle server version

Steps Automatically Performed by the SP – For reference:

1. Verify your Oracle server version.
2. Copy the relevant ojdbc driver to \$jdtl_jb_def_deploy/./lib/.

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