



WebSphere Product Center

Release Notes

Fix Pack 5.0.0.2

Note!

Before using this information and the product it supports, read the information in “Notices” at the end of this document.

12 October 2004

This edition of this document applies to WebSphere Product Version, version 5.0.0.2, and to all subsequent releases and modifications until otherwise indicated in new editions.

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1. Overview

This document addresses customer requests, installation instructions, and notes for WebSphere Product Center Fix Pack 5.0.0.2 on the following platform:

- WebSphere Application Server 5 / DB2

1.1 Fix Pack requirements

WebSphere Product Center 5.0 must be installed prior to the application of Fix Pack 5.0.0.2:

2. Change requests

2.1 P14871 validateXML from XMLUtils does not work in all scenarios

Script operation validateXML does work in all scenarios.

2.2 P14872 Import of zip file throws DB2 exception

For GDS: While importing a zip file, the scheduler exception log shows an exception where a DB2 query fails.

2.3 P14925 Environment export specs with lookup tables attached fails

For GDS: When executing an environment export of specs with lookup tables attached, the export fails.

2.4 P14926 Data load using a shell script throws an exception

For GDS: Executing a data load using a shell script throws an exception.

2.5 P14927 Merge GDS into 5.0.0.2

Merge Global Data Synchronization (GDS) functionality into 5.0.0.2.

2.6 P15103 Advanced Selection Exact Match for string attributes does not return any rows

Setting Exact Match for Advanced Selections for string attributes is not returning any rows.

2.7 P15108 Add convertDateFormat function to DB2 for GDS codeline

Add the function **convertdateformat** for DB2, as it is required by GDS reports.

2.8 P13953 No script to recreate all the indexes

For any schema change where indexes are affected, there is no straightforward way to recreate the indexes. A new shell script is needed to recreate the indexes for the application's database schema.

2.9 P15274 Items getting stuck in Initial Step

Items were getting stuck in the initial step of a workflow and there was no way to fix the problem without creating a new company environment.

3. Installation Notes

3.1 Index recreate requirement

Note: If applying the Fix Pack to version 5.0.0.1, the index creation is not required.

This release does not include any changes to the data model. Although minor changes have been made in this release that require a couple of indexes to be recreated after applying the fix pack.

Note: This is only a requirement for environments setup to use Oracle with WebSphere Product Center.

3.1.1 New index creation in Oracle

After deploying the Fix Pack, perform the following steps:

1. Navigate to the directory \$TOP/src/db/schema/gen
2. Run the following command to drop and rebuild all the indexes for the docstore module:

```
sqlplus <oracle_username>/<oracle_userpasswd>@<service_name> @idx_doc_docstore.sql
```

3.2 Backup requirements

- Create a full backup of the current WebSphere Product Center directories before applying the Fix Pack
- It is recommended to apply the Fix Pack to a test system to identify any issues before applying the Fix Pack to a production system
- Perform a full backup of the database before applying the Fix Pack to a production system

Note: Do not delete the old WebSphere Product Center version until performing thorough testing with the new installation.

4. Installation

This section provides general guidelines to apply a Fix Pack to WebSphere Product Center. Some information may differ depending on the methods used for previous installations. Contact your support representative for WebSphere Product Center with any installation issues.

4.1 Preparation

Before attempting to apply the latest Fix Pack to WebSphere Product Center, the following preparation is recommended:

4.1.1 Stopping the whole application on the local machine

Complete the following steps to stop the WebSphere Product Center instance:

1. Check the scheduler to make sure there are no critical jobs that need to be completed. If the queue is clear, kill the scheduler manually by running the following script:

```
$TOP/bin/go/stop/stop_scheduler.sh
```

2. Abort the entire application by running the following script:

```
$TOP/bin/go/abort_local.sh
```

All services running on the local machine is aborted. The RMI registry is aborted.

Note: Check to make sure all processes have stopped using the 'ps' command.

Kill off any rogue "java" or "rmiregistry" processes that remain after shutting down the instance. Occasionally, it may take several attempts to kill off all java processes. Continue killing all java processes until they are all dead.

4.1.2 Backup

- **Create a full backup of the current WebSphere Product Center directories before applying the Fix Pack. The Fix Pack will overwrite files that have changed. If any issues occur, the backup will allow a rollback to a previous version**
- **It is recommended to apply the Fix Pack to a test system to identify any issues before applying the Fix Pack to a production system**
- **Perform a full backup of the database before applying the Fix Pack to a production system**

Note: Do not delete the old WebSphere Product Center version until performing thorough testing with the new installation.

4.2 Apply Fix Pack

To apply the Fix Pack to WebSphere Product Center, complete the following tasks:

- ❑ Unpack tar file
- ❑ Run WebSphere Application Server script
- ❑ Update configuration files
- ❑ Test installation

4.2.1 Unpack tar file

Purpose: To extract and update any new installation files into the current working directory

Note: GNU tar is needed to untar the WebSphere Product Center files.

1. Copy the WebSphere Product Center tar file to the user or temporary directory.

Example:

```
{HOME_OF_WPC}/tarballs
```

2. CD to \$TOP, the current working directory, and unpack the tar file:

Example:

Using GNU tar, the following command extracts and unzips the tar file using an absolute path:

```
tar zxvf  
/home/WPC/tarballs/wpc_5001_03_fixpak_from_5000_15_was5_db2.tgz
```

4.2.2 Run WebSphere Application Server script

After unpacking the tar file in the previous section, ensure that the default server (server1) is running and run the following WebSphere Application script:

```
$TOP/bin/websphere/install_war.sh
```

Note: Ensure that the default server (server1) is running, as it is required for the WebSphere Application Server script to work. If needed, start the WAS default server by issuing the following command as root:

```
${WAS_HOME}/bin/startServer.sh server1
```

4.2.3 Verify configuration files

Verify all configuration files required by the new installation and make any updates as needed. Refer to the backup copy of the configuration files for the previous installation if needed.

- ❑ common.properties

- ❑ admin_properties.xml
- ❑ init_ccd_vars.sh
- ❑ WebSphere Product Center license file

❖ **common.properties**

On startup, the system will use this file to read in all system level parameters. This file includes settings for the database layer (connection parameters), directory settings, default character sets, thread-pooling parameters, and other settings, which are documented in the file.

File location: \$TOP/etc/default

❖ **admin_properties.xml**

This file is used by the administrative utilities to configure clusters of the application.

File location: \$TOP/etc/default

❖ **init_ccd_vars.sh**

The initialization file is the shell script that initializes the shell variables used by the system.

File location: \$TOP/setup

❖ **WebSphere Product Center License File**

The license file contains the license keys needed to use the WebSphere Product Center application.

File location: \$TOP/etc/default

4.3 Test installation

4.3.1 Start WebSphere Product Center

To start the WebSphere Product Center, execute the following script:

```
$TOP/bin/go/start_local.sh
```

The script starts all the services needed to run WebSphere Product Center.

Note: This process should take approximately 30-40 seconds, depending on the speed of the processor.

4.3.2 Check status

Run the **STOP/bin/go/rmi_status.sh** script that was provided by WebSphere Product Center and verify the following services have started correctly.

- admin_<machine name>
- appsvr_<machine name>
- eventprocessor
- queuemanager
- scheduler
- workflow

YOU HAVE SUCCESSFULLY APPLIED THE LATEST FIX PACK FOR WEBSHERE PRODUCT CENTER!

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