



WebSphere Product Center

# Release Notes

*Fix Pack 5.0.0.3*

Note!

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

14 October2004

This edition of this document applies to WebSphere Product Version, version 5.0.0.3, 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 5.0.0.3 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 5.0.0.3:

# 2. Change requests

## 2.1 P15443 Problems with securing attribute collections

It is not possible to add or select a "User Defined Attribute Collection " to a Catalog. A previous fix P12097 caused a side effect, as reported by P15443, and had to be removed. The fix implemented in P15443 allows a user to retrieve all attribute collection regardless of access privileges.

## 2.2 P15333 GDS: Addition of new DB2 function convertdateformat had issues with create schema

In a previous fix P15108, the function convertdateformat was added for DB2, as it was required for GDS reports. The create\_schema script is dependant on convertdateformat and the function caused errors with the script.

## 2.3 P15392 getLinkedItemsForNode broken on multi-valued node

The script operation getLinkedItemsForNode does not work on multi-valued nodes. The operation returns null with a node path that resembles "My Catalog/a#0/ab#0/aba".

## 2.4 P15355 Contextual information "save\_event"

When there is an item mapped into multiple categories, and a user tries to "Remove" the item from one of the Category mappings, we get a "DELETE" value in the save\_event and the item still exists in another category. To differentiate between the removal of an entity from a category and deleting the entity completely, another value was added to save\_event, called "remove", which is set when an Item or Category is removed in the Left Pane.

## 3. Installation Notes

### 3.1 Index recreate requirement

**Note:** If applying this 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 \$STOP, 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:

```
$STOP/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: \$STOP/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 **\$TOP/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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