



WebSphere Product Center

Release Notes

Fix Pack 5.1.0.4

Note!

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

28 January 2005

This edition of this document applies to WebSphere Product Version, version 5.1.0.4, 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 5.1.0.4.

Note: Refer to Section 3 for issues and limitations

1.1 Fix Pack requirements

WebSphere Product Center 5.1 must be installed prior to the application of Fix Pack 5.1.0.4.

2. Product Fix History

The following change requests were implemented in this Fix Pack:

2.1 5.1.0.4

Tracking Number	Description
14249	Issues with securing attribute collections
15703	Numeric fields in lookup table are not getting sorted properly
15745	Hierarchy Content import not working
15892	MemoryLeak when importing items and only updating category mappings
16038	Item/Category cannot be checkout to a collaboration area Refer to the WebSphere Product Center Technotes: Goto http://www-306.ibm.com/software/integration/wpc/support/ , click on Technotes, and search for the Technote titled "How to fix Item/Category checkout to collaboration areas in the migrated system?"
16042	Failed to create an item with primary key having more than eight digits
16113	Success Message for "use ordering" should be corrected
16114	Use of the delimiter "/" with buildCategory script operation splits the separator "/"
16116	The upgraded system does not allow any character ([\{}:\\"/""#@<>*,) to be a delimiter for category paths. The fix P15084 in previous release caused this issue; therefore it was reverted in this Fix Pack.
16173	buildCategory()/newCategory() cannot create a Numer-typed primary key child
16175	getCtgItemByAttributeValue() is not working with DATE-typed node
16177	Cannot create category with a non-number path
16396	Recreation of the same company does not ask for confirmation before it deletes the existing data
16749	buildCategory/new Category() fails on empty path

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Tracking Number	Description
-----------------	-------------

16090	Unable to proceed with Publications 'Error returning validation results' in GDS
16462	Reports feature is not reporting user errors
15676	Lookup table search using an invalid primary key
15683	"NOT" Predicate is not available for Catalog Rich search
15842	Bad background color for the tabs in single edit

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Tracking Number	Description
P10670	Incomplete documentation for logActionableMessage()
P11558	Localized data being deleted in Lookup Tables and Catalogs
P11897	Need ability to define role privileges to allow execution of workflow steps
P12419	Attribute inside grouping disappears if item is saved in a view that does not show attribute
P12477	Problems saving multi-occurrence grouping attributes in scripts
P12790	Password is not displayed as "*****" in the Multiple Edit page
P12818	Error occurs after saving an invalid URL in bulk add page
P12964	Retrieve tables from a remote server (FetchDBFile.java) does not provide support for DB2
P12980	Category Primary Key/Display, Hierarchy Path Attribute can not be searched in the Rich Search page
P13014	Catalog using name include "+" character can't be added to left pane
P13193	Page not found error while trying to view the uploaded zip file
P13237	Error on new Catalog() Script function with optionalArgs parameter
P13567	User can see the summary of items in the right pane
P13597	Script operation for attaching tabs to views not working
P13742	Ordering of attributes in a View/Tab
P13743	Lookup table import fails
P13827	UI cursor position (field focus) random when adding or expanding
P13844	Loopingback in workflow does not let user save the item successfully
P14000	Attribute search for group attribute not working.
P14050	Cannot specify (2) for integer on Macedonian platform
P14460	getCurrentCtgViewName returns null in Data Entry scripts
P14813	In Arabic locale, Number Enum value cannot be saved
P15084	"Begins With" function doesn't work for Mapping Hierarchy
P15164	Alert description is missing for "request was rejected"
P15165	Custom Tools Scripts are getting updated in left pane in next login session and not in same session.
P15176	If lookup table field empty in catalog items, multiple edit is giving exception

P15292	Moving Top level categories with Items does not work
P15355	Contextual information save_event
P15358	Multi-Edit issues with saving
P15369	Running Delta export when catalog has no changes causes DBE
P15376	Server error page occur (error.jsp) when search number with incorrect format
P15378	Left pane Catalog Realtime search cannot find out the item when Number uses local format
P15392	getLinkedItemsForNode broken on multi-valued node
P15668	getCtgItemAttrib no longer works on multi-occurrence attributes
P8253	Server Error when deleting DocStore documents

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Tracking Number	Description
P11472	Custom Import/Export Tool - importing user settings does not perform recursive import of pending attributes
P12097	Security - Giving Access privileges to attribute collections for one user allows that user to view other attribute collections also
P12212	Performance: Mapped Hierarchy Section of Item Edit Screen
P12449	java.lang.Exception thrown when trying to save a new lookup table item
P12460	ASP/JSP script loses text following last piece of code (impacting invoker pages and custom tools)
P12493	DB2: Server Error occurs when trying to create a lookup table
P12716	Error message should appear if attribute name is empty in Hierarchy detail page
P12797	Error on new SpecNode (Spec spec, String path, Integer order) script function with invalid value
P12979	Lookup Table name is uppercase when typed in lower case in Lookup Table detail page
P13014	Catalog name including the character "+" character cannot be added to the left pane
P13237	Error on new Catalog() Script function with optional arguments parameter.
P13262	Cannot saved, when the Binary attribute used in a file name includes a blank symbol
P13492	A Runtime Error occurs while creating a new Role name with a special character
P13671	Script operation createOtherOut is adding additional characters
P13676	For display locale "ar_SA", a negative numeric cannot be displayed or input
P13739	LOG4J error logging needs to extended into Scripting-API
P13829	Custom Tools display IBM copyright message on the top
P13838	Custom Import/Export Tool is missing category structure, Catalog and Category Content
P13953	No script in WPC to recreate all indexes
P13977	Cannot input Arabic and Macendonia negative number for number enumeration
P14021	Importing environment getting stuck at 75%.

P14050	Can not specify "(2)" for integer on Macedonian platform
P14083	Server error while doing aggregate currency search with blank values
P14298	Back button is not working in System Administration -> Performance Info ->Profiling.
P14302	Wrong tool-tip for Back button in New Hierarchy Console.
P14302	Wrong tool-tip of Back button in New Hierarchy Console
P14356	Rich Search not working properly
P14636	Oracle: hierarchy import causes DB server to run out of connections
P14736	Exception occurring on creation of duplicate user with message "Exception occurred" displayed
P14871	validateXML from XMLUtils does not work in all scenarios
P14872	GDS: Import of supply.zip throws DB2Exception
P14925	Environment export specs with lookup tables attached fails
P14926	GDS: Data load thru shell script throws up SAXParseException
P14927	GDS: merge code changes from GDS platform into main platform
P14930	Selection name is wrong on Arabia platform
P14985	HTML page error occurs when creating an attribute collection
P14991	Number value cannot be searched correctly by selecting Equal to condition on the Rich Search page
P14992	Currency value cannot be searched correctly by select Equal to condition on the Rich Search page
P15103	Advanced Selection Exact Match for string attributes does not return any rows
P15108	Add convertDateFormat function to DB2 for GDS reporting
P15204	The field names of Item1 display an error in Multiple Edit on catalog Rich Search Page
P15274	Items getting stuck in Initial Step of workflow
P15373	Reorder category doesn't work properly using scripts
P15377	Integer is not displayed correctly in read-only view

3. Issues and limitations

This fix pack contains the following known issues(which will be addressed in the next fix packs):

Tracking Number	Description
12959	"Begins With" function doesn't work for Mapping Hierarchy -- Rich Search by Path spec
16044	Multiple item add fails in single edit mode when same value is used across items. Modified to show the correct description
16911	create_schema script fails when executed on an existing database in DB2. Workaround: From the DB2 command window, run the following command before running the create_schema script:

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.

4.1.3 Delete Tomcat working directory

For configurations using Tomcat, delete the Tomcat working directory using the following command:

```
rm -rf $TOP/etc/default/tomcat33/webapps/ccd
```

Once the working directory has been deleted, restart the application server and apply the Fix Pack.

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: \$STOP/etc/default

❖ **admin_properties.xml**

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

File location: \$STOP/etc/default

❖ **init_ccd_vars.sh**

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

File location: \$STOP/setup

❖ **WebSphere Product Center License File**

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

File location: \$STOP/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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