



Update Guide



Update Guide

Note:

Before using this information and the product it supports, be sure to read the general information under “Notices” on page 13.

Edition Notice

This edition applies to Version 6.0.0.2 of the following editions of WebSphere Commerce Developer and to all subsequent releases and modifications until otherwise indicated in new editions:

- IBM WebSphere Commerce Developer Enterprise (product number 5724-i39)
- IBM WebSphere Commerce Developer Professional (product number 5724-i41)
- IBM WebSphere Commerce - Express Developer (product number 5724-i37)

Ensure that you are using the correct edition for the level of the product.

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Preface

About this book


This document describes the steps required to apply the IBM® WebSphere® Commerce Version 6.0.0.2 update to the following products:

- IBM WebSphere Commerce Developer Enterprise
- IBM WebSphere Commerce Developer Professional
- IBM WebSphere Commerce Express Developer

Conventions used in this book

This book uses the following highlighting conventions:

- **Boldface type** indicates commands or graphical user interface (GUI) controls such as names of fields, icons, or menu choices.
- Monospace type indicates examples of text you enter exactly as shown, file names, and directory paths and names.
- *Italic type* is used to emphasize words. Italics also indicate names for which you must substitute the appropriate values for your system.

 Enterprise Indicates information specific to WebSphere Commerce Enterprise.

 Professional Indicates information specific to WebSphere Commerce Professional.

 Express Indicates information specific to WebSphere Commerce Express.

 DB2 Indicates information specific to DB2 Universal Database™.

 Oracle Indicates information specific to Oracle Database.




 Cloudscape Indicates information specific to IBM Cloudscape™ Database.

 i5/OS Indicates information specific to i5/OS® Database.

Path variables

WCDE_installdir

This is the installation directory for the WebSphere Commerce toolkit. The default installation directory depends on your edition of WebSphere Commerce Developer:

-  Express C:\WCToolkitExpress60
-  Enterprise C:\WCToolkitEE60
-  Professional C:\WCToolkitPro60

Important: Long installation paths can cause errors with some WebSphere Commerce additional software. You should use a short directory name such as C:\WCToolkit60.

RAD_installdir

This is the installation directory for Rational® Application Developer. The default installation directory for Rational Application Developer is C:\Program Files\IBM\Rational\Application Developer.

Important: Long installation paths can cause errors with some WebSphere Commerce additional software. You should use a short directory name such as C:\RAD601.

UPDI_installdir

This is the directory where you have installed the WebSphere Commerce Update Installer.

Prerequisites

Master technote

IBM WebSphere Commerce maintains a Web page that links to several fix pack related documents. This page is a central resource for information related to WebSphere Commerce Version 6.0 fix pack. The master technote summarizes the known fix pack issues, and which version of the fix packs they apply to. It provides information on how to sign up for automatic notification of new fix packs and flashes. Technotes can be found by using the technote number to search the IBM Web site at: www.ibm.com.

Refer to the WebSphere Commerce V6.0 fix pack master installation technote #1246009 for more information.

Prerequisites for customized code or workspace

This fix pack will update a list of files which is located in WebSphere Commerce Version 6.0.0.2 Download Page.

If you have made custom modifications to any of the files listed in the "WebSphere Commerce 6.0.0.2 Files Changed" document, you must back them up. After the fix pack is applied you must re-implement your customization against the updated 6.0.0.2 level files. Refer to section "Updating files in your version control system" on page 5.

Installing the fix pack

Important:

- Ensure that WebSphere Commerce and WebSphere Commerce Developer are at the same fix pack level.

Complete the following steps:

1. Download and install the WebSphere Commerce Update Installer.
2. Open the WebSphere Commerce Version 6.0.0.2 Download Page.
3. Save the fix pack to the *UPDI_installdir/maintenance* directory. The file you download is denoted by *WC_6002_file_name* in the remaining sections of this guide.

Notes:

- a. Do not save the fix pack to a directory whose name contains spaces. If you attempt to apply the fix pack from a directory whose name contains spaces, the installer will fail.
- b. Ensure that the fix pack maintains the proper file extension. The file must be named *6.0.0-WS-WCDeveloper-FP002.pak*.
- c. It is recommended that no other maintenance files reside in the *UPDI/maintenance* directory.

Note:

4. You must log in with a Windows® user ID that is a member of the Administrator group.
5. Stop the WebSphere Commerce Test Servers.

Next step

Install the fix pack by completing one of the following sections:

- “Silent installation” on page 4
- “Interactive installation”

Interactive installation

This section will update the WebSphere Commerce Developer product.

1. Using the command line, navigate to the *UPDI_installdir* directory and type the *update.bat* command.
2. Select a language and then click **OK**.
3. On the Welcome page, review the information and click **Next** to continue.
4. Specify the WebSphere Commerce Developer installation directory, and click **Next**.
5. Select **Install Maintenance Package**. Click **Next**.
6. Select the *UPDI_installdir/maintenance* directory and click **Next**.
7. Select the appropriate *.pak* file and click **Next**.
8. You are prompted to update the database. Select **Yes** to update your database automatically. If you select **No** refer to “Updating your WebSphere Commerce database manually” on page 5 after you have completed the installation.

9. On the summary page, review the information and click **Next**.
10. The installer displays the message **Success: The following maintenance package was installed: WebSphere Commerce 6.0.0.2 - WebSphere Application Developer 6.0.0.2 on the following product: IBM WebSphere Commerce C:/WCToolkitEE60**. If you do not see this message the installer will indicate which log files to check. Click **Finish**.
11. If you encounter problems or errors, contact IBM WebSphere Commerce Support.

Silent installation

In this section you update the WebSphere Commerce Developer product.

1. Using the command line, navigate to the *UPDI_installdir/responsefile* directory and open the *install.txt* file in a text editor.
2. Complete the following steps:
 - a. Update the **-W maintenance.package** entry with the directory name that contains the maintenance package.
 - b. Update the **-W product.location** entry with the location of the WebSphere Commerce Developer install.
 - c. Set the **-W update.db="true"** entry. If you set this entry to false you must update the database manually, refer to "Updating your WebSphere Commerce database manually" on page 5.
3. Navigate to the *UPDI_installdir* and run the following command:

```
update.bat -silent -options UPDI_installdir/responsefiles/install.txt
```

When the prompt returns, wait for the Java™ process associated with the Update Installer to finish.

4. Refer to the log files in the following directory to verify that your install was successful:
WCDE_installdir/logs/update

If you encounter problems or errors, contact IBM WebSphere Commerce Support.

5. Restart WebSphere Commerce Developer.

Post update steps

Complete any of the following sections that are applicable to your WebSphere Commerce Developer installation.

Updating files in your version control system

The files listed in the "WebSphere Commerce 6.0.0.2 Files Changed" link on the WebSphere Commerce Version 6.0.0.2 Download Page are completely replaced, with a new version of the file, during fix pack installation. If you have customized any of these files, you must merge your changes back into the new files and check the new version of the file into your version control system.

During the installation of the fix pack, the following files are updated and any customizations, to these files, are maintained:

- webservices.xml
- ibm-webservices-bnd.xmi

No merging, of these files, is necessary. Update your version control systems with these files.

Updating your WebSphere Commerce database manually

If you did not choose to update your database automatically during the application of the WebSphere Commerce fix pack, you must manually update your database.

Note: You must back up your database.

To manually update your database:

1. From a command prompt, launch the following command depending on the type of database that is being used:

-  Cloudscape:

```
WCDE_installdir/bin/updatedb.bat cloudscape database_name
```

-  DB2 Universal Database:

```
WCDE_installdir/bin/updatedb.bat db2 database_name database_user_name  
database_user_password
```

-  Oracle:

```
WCDE_installdir/bin/updatedb.bat oracle database_name database_user_name  
database_user_password database_host_server_port
```

-  i5/OS:

```
WCDE_installdir/bin/updatedb.bat iseries database_name database_user_name  
database_user_password database_host
```

Where:

database_name

The name of your WebSphere Commerce Developer database. For Cloudscape databases, the *database_name* must be fully qualified. For example, *WCDE_installdir/db/mall*

database_user_name

The name of your WebSphere Commerce Developer database user.

database_user_password

The WebSphere Commerce Developer database user password.

database_host_server_port

The database server host port number.

database_host

The database server host name.

2. When the update is complete, review the output displayed in the console window and ensure that you have successfully updated the database to the correct fix pack level. For example:

```
UpdateSiteTable:
[EchoNL] Updating database fixpack level ...
[eCDatabaseVersionInfo] UPDATE SITE SET EDITION='ENT', VERSION=6,
RELEASE=0, MOD=0, FIXPACK=2 WHERE COMPNAME='BASE'
[eCDatabaseVersionInfo] SELECT COUNT(*) FROM SITE
[eCDatabaseVersionInfo] SELECT * FROM SITE
[eCDatabaseVersionInfo] Columns in SITE table:
[eCDatabaseVersionInfo] COMPNAME=BASE
[eCDatabaseVersionInfo] EDITION=ENT
[eCDatabaseVersionInfo] VERSION=6
[eCDatabaseVersionInfo] RELEASE=0
[eCDatabaseVersionInfo] MOD=0
[eCDatabaseVersionInfo] FIXPACK=2
[eCDatabaseVersionInfo] Updated SITE table successfully.
[EchoNL] Completed database fixpack update.
```

BUILD SUCCESSFUL

Updating the WebSphere Commerce documentation

Note: These instructions are only required if you are updating translated information. If you are using English documentation, these steps are completed automatically when you apply the fix pack.

Update the content of the WebSphere Commerce Information Center by completing the following steps:

1. Open WebSphere Commerce Developer.
2. Select **Help > Software Updates > Find and Install**.
3. Select **Search** for new features to install.
4. Click **New Remote Site**, then type the update location:
 - **Enterprise**
ftp://ftp.software.ibm.com/software/websphere/commerce/60/6002/ID/ENTERPRISE
 - **Professional**
ftp://ftp.software.ibm.com/software/websphere/commerce/60/6002/ID/PE
 - **Express**
ftp://ftp.software.ibm.com/software/websphere/commerce/60/6002/ID/EXPRESS
5. Click **OK**.
6. On the **Install Location** page, select *RAD_installdir/commerce/eclipse*.
7. From the **Install** page, select the check box beside the site name you selected, then click **Next**.
8. Select **WebSphere Commerce documentation updates for version 6.0.0.2**, then click **Next**.
9. Accept the license agreement, then click **Finish**.

10. On the JAR verification window, click **Install**.
11. On the Install/Update dialog, click **Yes**.
12. Restart the Workbench.

Uninstalling the fix pack

If you have installed any software that depends on WebSphere Commerce Developer, such as a WebSphere Commerce feature pack, you must disable or uninstall that software before completing this uninstall process.

To uninstall the fix pack, complete one of the following sections:

- “Interactive uninstallation.”
- “Silent uninstallation.”

Interactive uninstallation

If you have customized any of your files, you should back them up, and be aware that some of the features specific for fix pack level 6.0.0.2 will no longer be available after it is uninstalled.

1. Stop the WebSphere Commerce test server.
2. Ensure that Rational Application Developer is not running.
3. Using the command line, navigate to the *UPDI_installdir* directory and type the following command:
`update.bat`
4. On the Review page, review the information and click **Next** to continue.
5. On the Product Selection page ensure that the directory name is correct. This is the WebSphere Commerce installation directory.
6. Specify the WebSphere Commerce Developer installation directory, and click **Next**.
7. Select **Uninstall Maintenance Package**. Click **Next**.
8. Select the appropriate .pak file and click **Next**.
9. On the summary page, review the information and click **Next**.
10. The installer displays the message Success:The following maintenance package was uninstalled.. If you do not see this message the installer will indicate which log files to check. Review the information and click **Relaunch** to start the Update Install wizard again or **Finish** to close the Update Installer.
11. Refer to the log files in the following directory to verify that your uninstall was successful:

WCDE_installdir/logs/update

Silent uninstallation

The fix pack uninstall process will modify a list of files that is specified in “Prerequisites” on page 1. If you customized any of these files, you should back them up, but be aware that some of the features specific for fix pack level 6.0.0.2 will no longer be available after it is uninstalled.

1. Navigate to the *UPDI_installdir/responsefile* directory and open the *uninstall.txt* file in a text editor.
2. Complete the following steps:
 - a. Update the **-W backup.package** entry with the name of the backup package.

- b. Update the **-W product.location** with the location of the WebSphere Commerce install.
3. Navigate to the *UPDI_installdir* and run the following command:
`update.bat -silent -options UPDI_installdir/responsefiles/uninstall.txt`

When the prompt returns, wait for the Java process associated with the Update Installer to finish.

Note: If the **backup.package** is not specified, the Update Installer will uninstall the most recently applied fix pack.

4. Refer to the log files in the following directory to verify that your install was successful:
WCDE_installdir/logs/update

Troubleshooting

Accessing backup files

The WebSphere Commerce Developer fix pack update installer makes a backup of all the files modified during the fix pack installation. If you have customized files and want to check with the pre-fix pack files, they can be found in a .pak file (which is in ZIP format) in the following directory:

WCDE_installdir\properties\version\update\backup

The installer is unable to update a .jar file on the system

If you receive an error message indicating that the installer is unable to update a .jar file on the system, refer to the *WCDE_installdir*/logs/update/*maintenance_name*/updatetrace.log file. Search this log file for an error message similar to:

```
Installer has pro2006.09.25 12:04:30.328 EDT java.lang.NullPointerException
at com.ibm.ws.install.ni.framework.io.ZipFileSystem.copyZipEntry
(ZipFileSystem.java:2010)
at com.ibm.ws.install.ni.framework.io.ZipFileSystem.copyZipEntry
(ZipFileSystem.java:1995)
at com.ibm.ws.install.ni.framework.io.ZipFileSystem.copyThisEntryInThisSource
ToThisZipFileWithThisName(ZipFileSystem.java:989)
at com.ibm.ws.install.ni.framework.io.ZipFileSystem.applyZipFileOperationsTo
ZipFile(ZipFileSystem.java:2112)
at com.ibm.ws.install.ni.framework.io.ZipFileSystem.performAllZipOperationsFor
ThisTargetFile(ZipFileSystem.java:88)
at com.ibm.ws.install.ni.framework.fileactions.ZipFileOperationController.
performAllZipOperations(ZipFileOperationController.java:108)
at com.ibm.commerce.install.updi.product.wc.WCUpdateComponent.execute
(WCUpdateComponent.java:119)
```

If you receive this error message, check if the path to the .pak file contains spaces. If there are spaces in the path, move the fix pack file to a path that does not contain spaces and complete the following steps:

1. Rerun the Update Installer to uninstall the fix pack from the system.
 2. Reapply the fix pack to the system.
-

The workspace for the WebSphere Commerce toolkit failed to refresh

To refresh the WebSphere Commerce development workspace:

1. Start WebSphere Commerce Developer.
2. Manually refresh all projects.
 - a. In the **Project Explorer** view, navigate to **Dynamic Web Projects**.
 - b. Right-click **Stores** and select **Refresh**.

After manually refreshing all projects, the changes to the WebSphere Commerce Developer files will be reflected properly.

Unable to find the log file after the fix pack installation failed

The WebSphere Commerce Developer log file is in the following location:

WCDE_installdir/logs/update

If you do not find the log file, check in the following location:

UPDI_installdir/logs/tmp

The updatedb script fails during the application of the fix pack

If updatedb process fails during fix pack update, complete the following steps:

1. Review the log files in the following locations:

- *WCDE_installdir/logs/trace.txt*
- *WCDE_installdir/logs/messages.txt*

Review these error messages with your database administrator to ensure there are no data errors.

2. Navigate to the *WCDE_installdir/bin* directory.

3. Complete one of the following steps:

- Run the updatedb command again. Refer to “Updating your WebSphere Commerce database manually” on page 5 for more information.
- Restore the original database and run the updatedb command. Refer to “Updating your WebSphere Commerce database manually” on page 5 for more information.

4. If this problem cannot be resolved, contact IBM WebSphere Commerce Support.

+ **Errors encountered when uninstalling the WebSphere Commerce fix pack.**

+ You must remove all dependant software, such as the WebSphere Commerce
+ Feature Packs, from the machine. If this dependent software is installed, the fix
+ pack uninstallation fails and you will encounter the following error message:
+ CWUPI0010E: Cannot uninstall an installed maintenance package. No corresponding
+ maintenance backup package is available in the product maintenance backup directory.
+

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