

IBM Rational Programming Patterns
V9.0.0.1 Fix Pack

Installation Instructions



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Note

Before using this information, be sure to read the general information under “Notices” on page 19.

Fifth edition (September, 2013)

This edition applies to IBM Rational Programming Patterns V9.0.0.1 Fix Pack (program number 5725-H03) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. Overview

This document describes how to install the IBM® Rational® Programming Patterns V9.0.0.1 Fix Pack. This Fix Pack is provided as an update and installed using IBM Installation Manager. The update is generally installed directly from the IBM update server. However you can also choose to download a file that contains the update and then use IBM Installation Manager to perform local installations. The following sections describe how to install this update.

Chapter 2. Installation prerequisites

This update requires the previous installation of the following products.

IBM Installation Manager must be installed. If its version is too old, its update can be installed at the same time as the Fix Pack V9.0.0.1.

To update the client part, some products must be installed on Windows:

- One of the following products is required according to your environment:
 - IBM Rational Developer for System z[®] V9.0 or later for a System z environment,
 - IBM Rational for AIX[®] and Linux V9.0 or later for a System p[®] environment,
- IBM Rational Team Concert[™] V4.0.3 or later.
- The client part of IBM Rational Programming Patterns V9.0.

For the server part, the following products must be installed:

- Jazz[™] Team Server and CCM Application V4.0.3 or later.
- The server part of IBM Rational Programming Patterns V9.0.

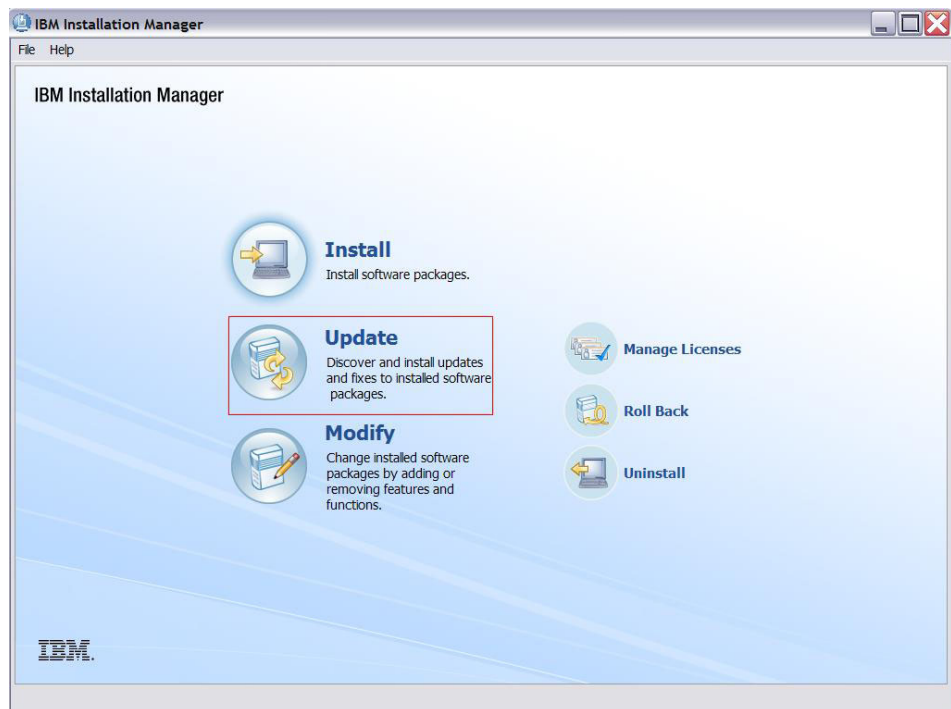
If you disabled any product features by modifying the `feature.xml` files or through the Update Manager by clicking **Help > Software Updates > Manage Configuration** in the workbench, you must enable them before you install this update.

Chapter 3. Installing the client part from the IBM update server

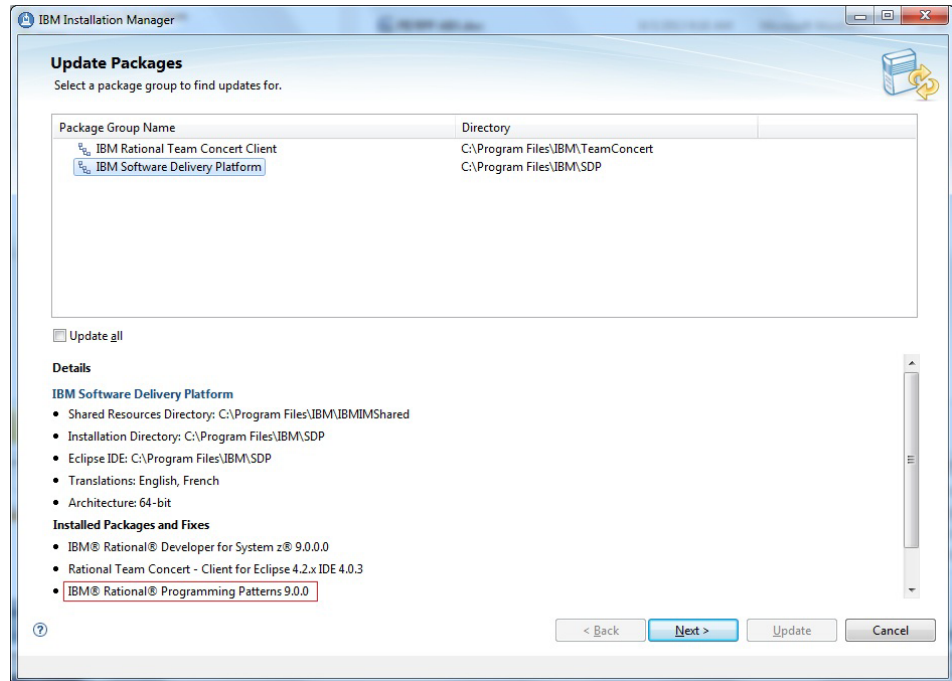
Follow the steps below to install the update. You should perform the installation using the same Windows account that originally installed the IBM Rational Programming Patterns product.

Procedure

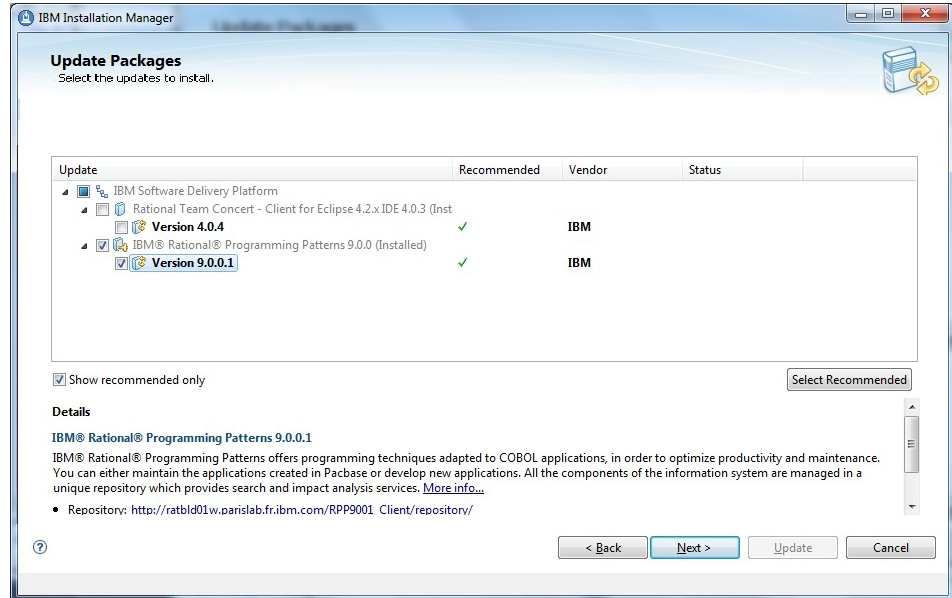
1. Start IBM Installation Manager from the Windows Start menu. By default it is under **Start > All Programs > IBM Installation Manager > IBM Installation Manager**.
2. Click **Update**.



3. Select the package group in which you installed IBM Rational Programming Patterns V9.0. The default is **IBM Software Development Platform**. The **Installed Packages** list at the bottom of the panel should show **IBM Rational Programming Patterns V9.0.0** as one of the entries. Click **Next**.



4. Update Installation Manager, if required.
5. Select **IBM Rational Programming Patterns** and **Version 9.0.0.1**. Select any other required or optional updates from the list of available updates. Any updates you already have installed cannot be selected. Click **Next**.



6. Read and accept the license agreements for the selected updates, and then follow the remaining installation dialogs to install the selected updates.
7. Select **Next** to update the features you have installed.
8. Review your selections on the **Summary** panel. If you want to make any changes to your selections, click **Back** and make your changes. When you are ready to install the update, click **Update**.

Note: Depending on the speed of your computer processor, the amount of RAM, and the speed of your Internet connection, the updates could take an extended period of time to download and install.

9. When the updates are complete, a message will be displayed by IBM Installation Manager informing you that updates were successfully installed. You can click **View Log File** to view the log file for the current Installation Manager session. When you are finished, click **Finish**.
10. Exit IBM Installation Manager and start IBM Rational Programming Patterns from the Windows Start menu. By default it is under **Start > All Programs > IBM Software Delivery Platform > IBM Rational Programming Patterns V9.0.0.1**.

Chapter 4. Installing the client part from a compressed file

Ideally, this update should be installed directly from the IBM update server. However, you may also download a compressed file that contains the update and perform local installations.

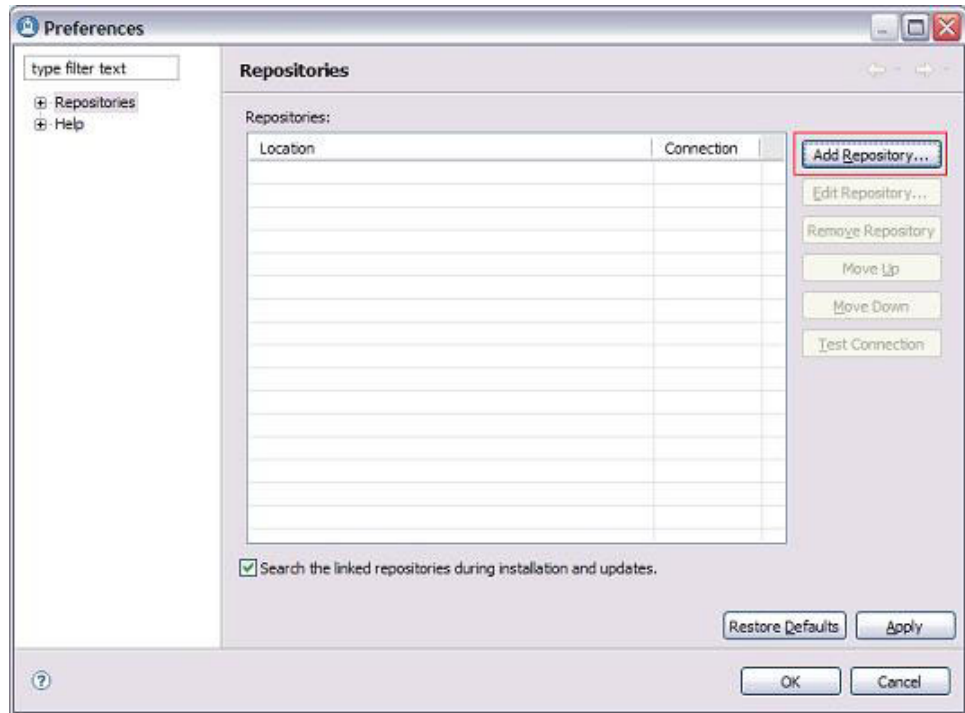
About this task

You might want to do this if one of the following situations applies

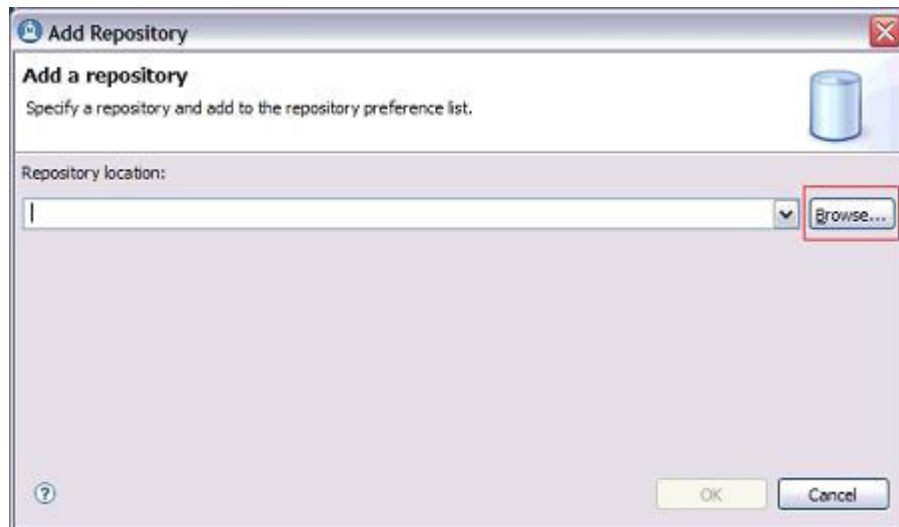
- You have a slow or unstable Internet connection and want to use a download manager that can resume the download.
- You have difficulty accessing the live IBM update servers behind a firewall.
- You prefer to download the update and install it later.

Procedure

1. Connect to the IBM Fix Central site.
 - a. Select the **Rational** product group, **Rational Programming Patterns** product, **9.0.0.1** version, and **Windows** platform. Click **Next**.
 - b. Select **Show fixes that get me to this version** and click **Next**.
 - c. Select **IBM Rational Programming Patterns Version 9.0.0.1** and click **Next**.
 - d. Sign in.
 - e. Select your download option and click **Next**.
 - f. Click **Download now**.
2. Extract the content of this file to a folder on your system.
3. Start IBM Installation Manager from the Windows Start menu. By default it is under **Start > All Programs > IBM Installation Manager > IBM Installation Manager**.
4. From the menu bar, select **File > Preferences** to specify the location of the extracted file.
5. Click **Add Repository** in the **Preferences** dialog



6. In the **Add Repository** dialog, browse to the directory where you extracted the update installation files. Inside that directory you will see an **RPP9001Client\disk1** directory. Expand it and select **diskTag.inf**. Click **OK**.



7. Click **Test Connection** on the repository to ensure that it can be found.
8. Click **OK**.
9. Now that the local repository has been set, follow the instructions outlined in the section **Installing the client part from the IBM update server**.

Chapter 5. Updating the server part

You must also update the server part. If you install it on Windows, its installation is identical to the installation of the client part. You can also choose between installing from the IBM update server or from a compressed file. If you install it on z/OS®, you must apply the 9.0.0.1 PTF.

Procedure

- To update the Rational Programming Patterns server on Windows, you have two possibilities:
 - Update from the IBM update server. Follow the instructions of the client installation. Only the steps where you must select a choice specific to the server installation are indicate here.
 - Select the package group in which you installed IBM Rational Programming Patterns server. The default is **Jazz Team Server**. The **Installed Packages** list at the bottom of the panel should show **Jazz Team Server and CCM Application** as one of the entries.
 - Select **IBM Rational Programming Patterns Version 9.0.0.1 - Server part**.
 - Update from a compressed file. Follow the instructions of the client installation. The only difference is that you download the Rational Programming Patterns server .zip file from the support web site.
- To update the Rational Programming Patterns server on z/OS, you must apply its 9.0.0.1 PTF (FMID HAKF900), available from the support web site. The fix is shipped as file: IBM.HAKF900.UXXXXXX.

Note: UXXXXXX is the fix number. In the steps listed below, you must replace it with its actual value, which you can find on the support web site.

No fix is prerequisite for this fix.

You must execute the following steps to install the fix:

1. Allocate host data sets for the fix

A sequential data set must be allocated on z/OS to receive the fix that you will upload from your workstation. You can do this by submitting the job below. Add a job card and modify the parameters to meet your site's requirements before submitting.

```
//ALLOC EXEC PGM=IEFBR14
//*
//UXXXXXX DD DSN=h1q.IBM.HAKF900.UXXXXXX,
// DISP=(NEW,CATLG,DELETE),
// DSORG=PS,
// RECFM=FB,
// LRECL=80,
// UNIT=SYSALLDA,
//* VOL=SER=volser,
//* BLKSIZE=6160,
// SPACE=(TRK,(103,20))
//*
```

2. Upload the fix from your workstation to z/OS

Upload the file in binary format from your workstation to the z/OS data set. On a Windows system, you can use FTP from a command prompt to upload the file. The table shows the commands entered by the user, and the values which are assumed:

User enters:	Values
mvsaddr	TCP/IP address of the z/OS system
tsouid	Your TSO user ID
tsopw	Your TSO password
d:	Your drive containing the fix files
hlq	High-level qualifier that you used for the data set that you allocated in the job above

```
C:\>ftp mvsaddr
Connected to mvsaddr.
220-FTPD1 IBM FTP CS %version% at mvsaddr, %time% on %date%.
220 Connection will close if idle for more than 60 minutes.
```

```
User (mvsaddr:(none)): tsouid
331 Send password please.
```

```
Password: tsopw
230 tsouid is logged on. Working directory is "tsouid".
```

```
ftp> cd ..
250 " " is the working directory name prefix.
```

```
ftp> cd hlq
250 "hlq." is the working directory name prefix.
```

```
ftp> binary
200 Representation type is Image
```

```
ftp> put d:\IBM.HAKF900.UXXXXXX
200 Port request OK.
125 Storing data set hlq.IBM.HAKF900.UXXXXXX
250 Transfer completed successfully
5744800 bytes sent in 0.28 seconds
```

```
ftp> quit
221 Quit command received. Goodbye.
```

3. Perform SMP/E RECEIVE and APPLY for the fix
4. If you used the @pathPrefix@ setting during the SMP/E installation, edit the @confPath@/ccm/provision_profiles/rpp-profile.ini file and make sure that the file URL points to the absolute path of the application rpp-update-sites.

Important: If you ran the BLZCPCCM installation job before the SMP/E installation of the HAKF900 FMID, you must copy the prefixpath/usr/lpp/jazz/v4.0.3/server/conf/ccm/provision_profiles/rpp-profile.ini file to the prefixpath/etc/jazz403/ccm/provision_profiles/ directory.

Then, in the file, you must replace url=file:ccm/sites/rpp-update-site with url=file:prefixpath/usr/lpp/jazz/v4.0.3/server/conf/ccm/sites/rpp-update-site.

Chapter 6. Verifying your installation

You can verify that the update is installed by running **View Installed Packages** that is located under **Start > All Programs > IBM Installation Manager > View Installed Packages**. You should see **IBM Rational Programming Patterns V9.0.0.1**.

Chapter 7. Important information for the integration with Rational Team Concert

The Rational Programming Patterns V9.0 installation guide contains an inaccuracy. In the language definition for the generated artifacts, the cbl file extension must not be indicated.

Chapter 8. Uninstalling the update

Depending on your current Installation Manager preferences and your installation history, you may be able to remove the Rational Programming Patterns 9.0.0.1 updates and roll back to a previously installed version.

Uninstalling the update on Windows

Procedure

1. Start IBM Installation Manager from the Windows Start menu. By default it is under **Start > All Programs > IBM Installation Manager > IBM Installation Manager**.
2. Click **Roll Back Packages**.
3. Select the package group in which you installed IBM Rational Programming Patterns client. The default is **IBM Software Delivery Platform**. The **Installed Packages** list at the bottom of the panel should show **IBM Rational Programming Patterns 9.0.0.1** as one of the installed packages in the package group you selected.
Click **Next**.
4. The **Packages** panel will show you the previous versions of Rational Programming Patterns to which you can roll back. Select the version to which you would like to roll back. If there are no previous versions listed, you cannot roll back your installation. If you are able to roll back, click **Next**.
5. Review your selections on the **Summary** panel. If you want to make any changes to your selections, click **Back** and make your changes. When you are ready to roll back the update, click **Roll Back**.

Uninstalling the PTF on z/OS

Follow the standard z/OS SMP/E procedures for uninstalling the PTF update.

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