IBM Rational Programming Patterns for System z
V8.0.1.2 Fix Pack

Installation Instructions

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First edition (August, 2011)

This edition applies to IBM Rational Programming Patterns for System z V8.0.1.2 Fix Pack (program number 5724-T07) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Contents

Chapter 1. Overview

This document describes how to install IBM® Rational® Programming Patterns for System z® V8.0.1.2 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 that you have the following products for the client and server parts.

You must update both the client and the server parts. You must have IBM Installation Manager V1.4.1 or later installed (this update can be installed at the same time as the Fix Pack V8.0.1.2).

To install the client part, you must have the following products installed on Windows:
- IBM Rational Developer for System z V8.0.1 or any future Fix Pack,
- IBM Rational Team Concert™ V3.0 or any future Fix Pack (iFix 1 for example. This Fix Pack is not required but is acceptable.),
- The client part of IBM Rational Programming Patterns for System z V8.0.1 or V8.0.1.1.

To install the server part, you must have the following products installed:
- Jazz™ Team Server and CCM Application V3.0 or any future Fix Pack (iFix 1 for example. This Fix Pack is not required but is acceptable.).
- The server part of IBM Rational Programming Patterns for System z V8.0.1.

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 for System z product.

Procedure

1. Start IBM Installation Manager from the Windows Start menu. By default this is under **Start** → **All Programs** → **IBM Installation Manager** → **IBM Installation Manager**.
2. Click **Update**.
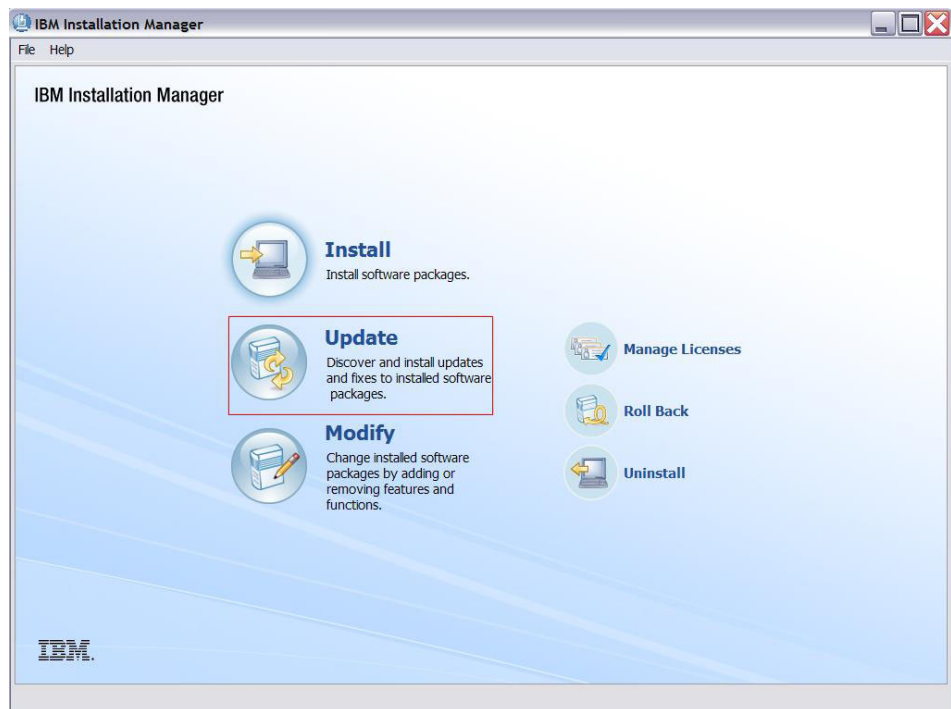
3. Select the package group in which you installed IBM Rational Programming Patterns for System z. The default is **IBM Software Development Platform**. The Installed Packages list at the bottom of the panel should show **IBM Rational Programming Patterns for System z** as one of the entries. Click **Next**.
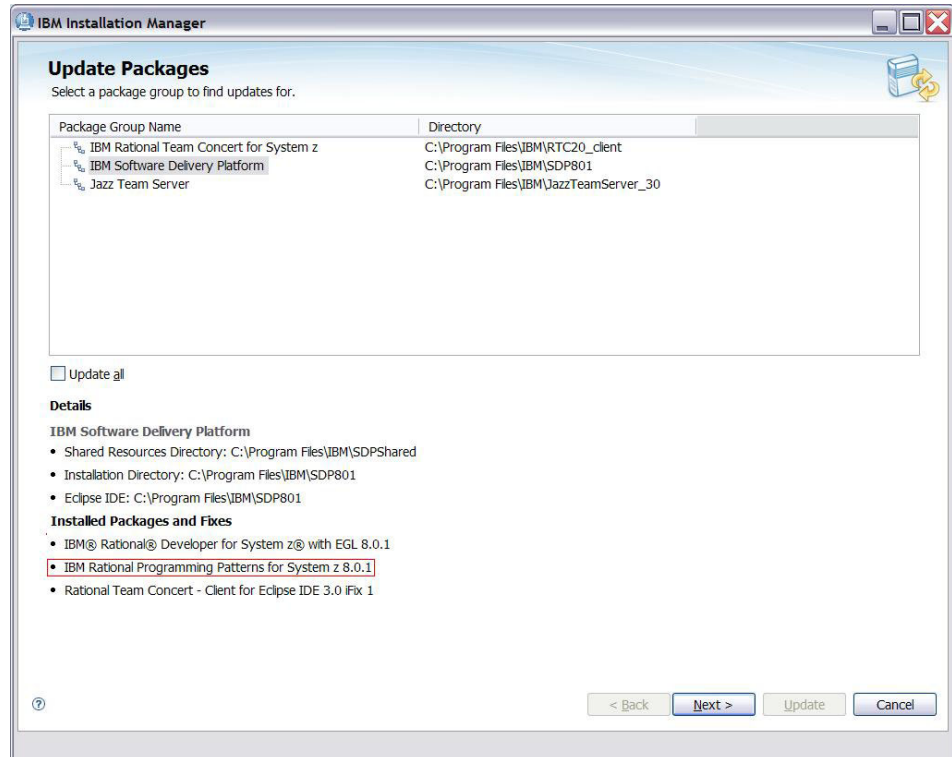
4. Update Installation Manager, if required.

5. Select **IBM Rational Programming Patterns for System z Version 8.0.1** or **IBM Rational Programming Patterns for System z Version 8.0.1.1**. Select any other required or optional updates from the list of available updates. Any updates you already have installed will be displayed in grey and will not be selectable. Click **Next**.
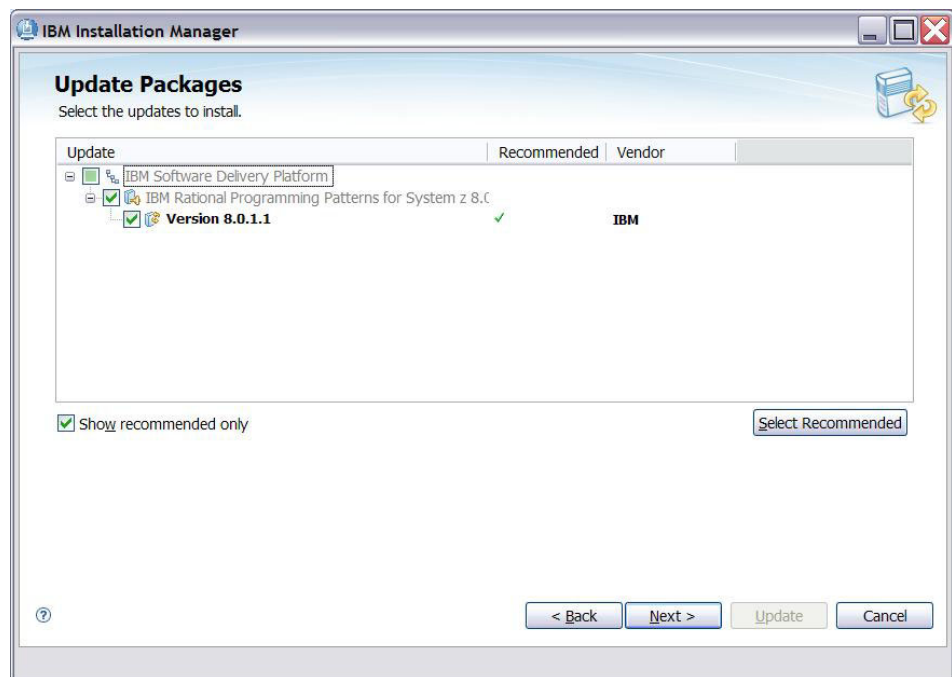
6. Read and accept the license agreements for the selected updates, and then follow the remaining installation dialogs to install the selected updates.

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 for System z from the Windows Start menu to begin using the product. By default this is under **Start** → **All Programs** → **IBM Software Delivery Platform** → **IBM Rational Developer for System z V8.0.1** → **IBM Rational Developer for System z**.

Chapter 4. Installing the client part from a zipped file

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

About this task

You might want to do this if

- 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 from behind a firewall.
- You prefer to download the update and install it later.

Procedure

1. Download the Rational Programming Patterns for System z client .zip file from the support web site.
2. Extract the contents of this file to a folder on your system.
3. Start IBM Installation Manager from the Windows Start menu. By default this is under **Start → All Programs → IBM Installation Manager → IBM Installation Manager**.
4. From the menu bar, select **File → Preferences**. This is where you will tell the IBM Installation Manager the location of the installation files you just extracted.
5. Click **Add Repository** in the **Preferences** dialog
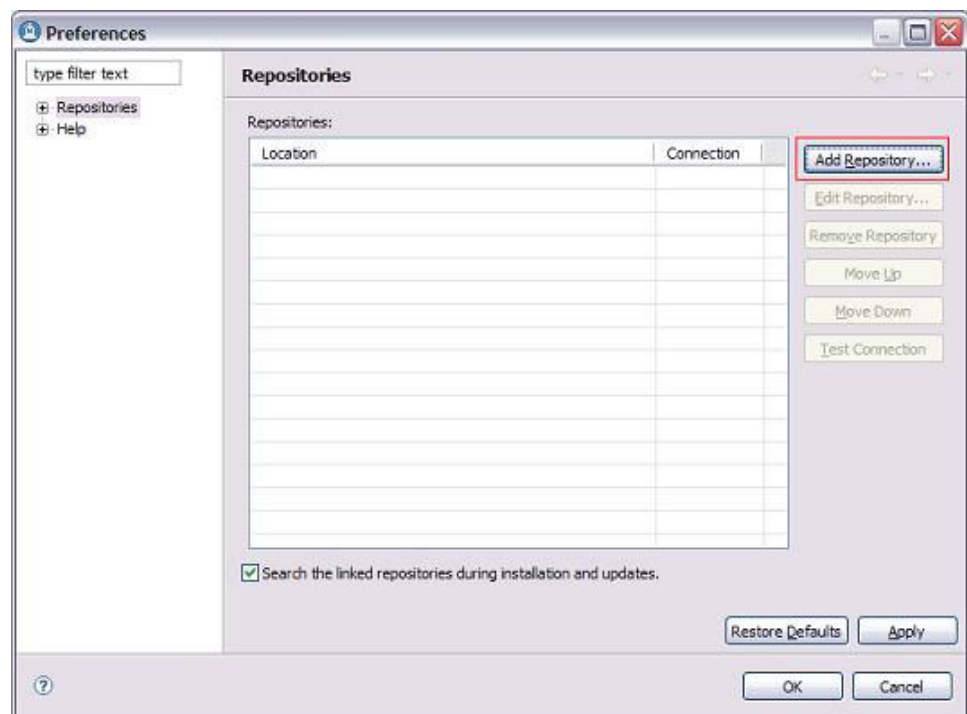
6. In the **Add Repository** dialog, browse to the directory where you extracted the update installation files. Inside that directory you will see a repository.config file. Select it and click **OK**.
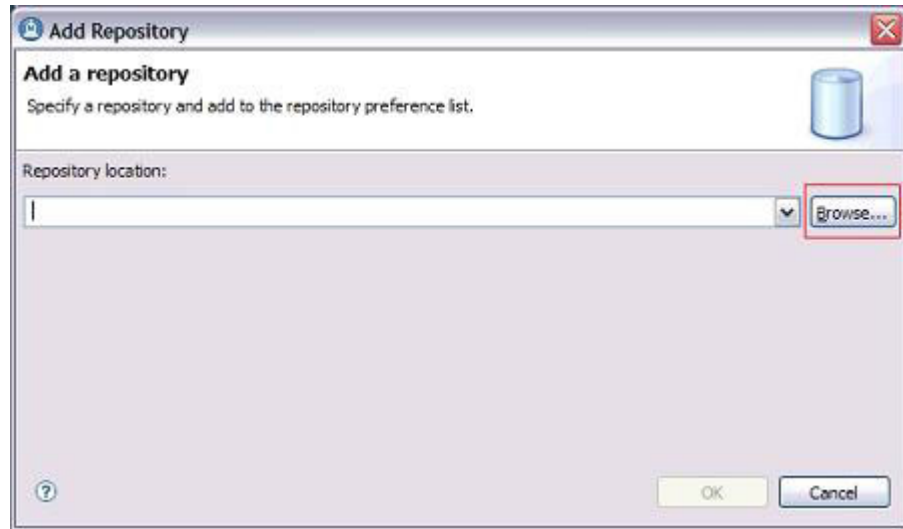
7. Click **Test Connection** on the repository to ensure that it can be found.
8. Click **OK**.
9. Now that the local repository has been set, follow the instructions outlined in the section Installing the client part from the IBM update server.

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 zipped file. If you install it on System z, you must apply the 8.0.1.2 PTF .

Procedure

- To update the Rational Programming Patterns for System z server on Windows, you can either:
  - 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 for System z 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 3.0** or **Jazz Team Server and CCM Application 3.0 iFix 1** as one of the entries.
    - Select **IBM Rational Programming Patterns for System z Version 8.0.1.2 - Server part**.
  - Update from a zipped file. Follow the instructions of the client installation. The only difference is that you download the Rational Programming Patterns for System z server `.zip` file from the support web site.
- To update the Rational Programming Patterns for System z server on System z, you must apply its 8.0.1.2 PTF (FMID HAIE801), available from the support web site.

  The fix is shipped as file: IBM.HAIE801.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 the z/OS® system 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=hlq.IBM.HAIE801.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. In the sample dialog shown below, commands or other information entered by the user are in bold, and the following values are assumed:

User enters:	Values
mvsaddr	TC P/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.HAIE801.UXXXXXX
200 Port request OK.
125 Storing data set hlq.IBM.HAIE801.UXXXXXX
250 Transfer completed successfully
5744800 bytes sent in 0.28 seconds

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

3. SMP/E hold information for the fix

   Refer to the ++HOLD section of the PTF for this information.

4. Perform SMP/E RECEIVE and APPLY for the fix

Chapter 6. Verifying your installation

You can verify that the update is installed by running **View Installed Packages** which is located under **Start** → **All Programs** → **IBM Installation Manager** → **View Installed Packages**. You should see **IBM Rational Programming Patterns for System z V 8.0.1.2** and **IBM Rational Programming Patterns for System z - Server part V 8.0.1.2** listed.

Chapter 7. Reusing a V8.0.1 workspace

To be able to reuse a workspace built with Rational Programming Patterns for System z V8.0.1, you must first rebuild it. Open the Design Explorer view, right-click, and select **Rebuild local workspace**.

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 for System z 8.0.1.2 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 this 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 for System z:
   - Client. The default is **IBM Software Delivery Platform**. The Installed Packages list at the bottom of the panel should show **IBM Rational Programming Patterns for System z 8.0.1.2** as one of the installed packages in the package group you selected.
   - Server. The default is **Jazz Team Server**. The Installed Packages list at the bottom of the panel should show **IBM Rational Programming Patterns for System z - Server part 8.0.1.2** 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 for System z 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 8.0.1.2 PTF on z/OS

Follow the standard z/OS SMP/E procedures for uninstalling the 8.0.1.2 PTF update.

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19

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