



Red Hat Developer Studio Integration Stack 12.0

Installation Guide

Installing Red Hat Developer Studio Integration Stack

Red Hat Developer Studio Integration Stack 12.0 Installation Guide

Installing Red Hat Developer Studio Integration Stack

Supriya Takkhi
sbharadw@redhat.com

Legal Notice

Copyright © 2018 Red Hat, Inc.

The text of and illustrations in this document are licensed by Red Hat under a Creative Commons Attribution-Share Alike 3.0 Unported license ("CC-BY-SA"). An explanation of CC-BY-SA is available at

<http://creativecommons.org/licenses/by-sa/3.0/>

. In accordance with CC-BY-SA, if you distribute this document or an adaptation of it, you must provide the URL for the original version.

Red Hat, as the licensor of this document, waives the right to enforce, and agrees not to assert, Section 4d of CC-BY-SA to the fullest extent permitted by applicable law.

Red Hat, Red Hat Enterprise Linux, the Shadowman logo, JBoss, OpenShift, Fedora, the Infinity logo, and RHCE are trademarks of Red Hat, Inc., registered in the United States and other countries.

Linux ® is the registered trademark of Linus Torvalds in the United States and other countries.

Java ® is a registered trademark of Oracle and/or its affiliates.

XFS ® is a trademark of Silicon Graphics International Corp. or its subsidiaries in the United States and/or other countries.

MySQL ® is a registered trademark of MySQL AB in the United States, the European Union and other countries.

Node.js ® is an official trademark of Joyent. Red Hat Software Collections is not formally related to or endorsed by the official Joyent Node.js open source or commercial project.

The OpenStack ® Word Mark and OpenStack logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation, or the OpenStack community.

All other trademarks are the property of their respective owners.

Abstract

This document details steps to install Red Hat Developer Studio Integration Stack.

Table of Contents

CHAPTER 1. INSTALLATION OPTIONS	3
CHAPTER 2. SYSTEM REQUIREMENTS	4
CHAPTER 3. UPDATING DEVELOPER STUDIO INTEGRATION STACK	5
CHAPTER 4. INSTALLING DEVELOPER STUDIO INTEGRATION STACK USING THE STANDALONE INSTALLER	6
CHAPTER 5. INSTALLING DEVELOPER STUDIO INTEGRATION STACK IN ECLIPSE WHEN ONLINE	7
CHAPTER 6. INSTALLING DEVELOPER STUDIO INTEGRATION STACK IN ECLIPSE WHEN OFFLINE	8
CHAPTER 7. INSTALLING DEVELOPER STUDIO INTEGRATION STACK IN DEVELOPER STUDIO WHEN ONLINE	9
CHAPTER 8. INSTALLING DEVELOPER STUDIO INTEGRATION STACK IN DEVELOPER STUDIO WHEN OFFLINE	10
CHAPTER 9. UNINSTALLATION OPTIONS	11
9.1. UNINSTALLING AN ENTIRE CATEGORY OF DEVELOPER STUDIO INTEGRATION STACK	11
9.2. UNINSTALLING A SINGLE FEATURE OF DEVELOPER STUDIO INTEGRATION STACK	11

CHAPTER 1. INSTALLATION OPTIONS

Red Hat Developer Studio Integration Stack is provided as a set of plug-ins for Eclipse or Developer Studio. Depending on whether you are already using Eclipse or Developer Studio, there are a variety of ways of installing Developer Studio Integration Stack and instructions are given here for each variation:

- [Chapter 4, Installing Developer Studio Integration Stack Using the Standalone Installer](#)
- [Chapter 5, Installing Developer Studio Integration Stack in Eclipse when Online](#)
- [Chapter 6, Installing Developer Studio Integration Stack in Eclipse when Offline](#)
- [Chapter 7, Installing Developer Studio Integration Stack in Developer Studio when Online](#)
- [Chapter 8, Installing Developer Studio Integration Stack in Developer Studio when Offline](#)



NOTE

To install Eclipse, see <https://eclipse.org/users/> on the Eclipse website. To install Developer Studio in Eclipse or Developer Studio Stand-alone using the Installer, see the Installation Guide for the relevant version on the [Red Hat Developer Studio documentation page](#).



IMPORTANT

A variety of Eclipse installations are available, each with a different default configuration and selection of preinstalled plug-ins. Red Hat recommends using the Eclipse Oxygen for Java EE Developers plug-in when using Developer Studio Integration Stack.

CHAPTER 2. SYSTEM REQUIREMENTS

This release of Developer Studio is supported for use with a range of operating system, architecture, and Java developer kit combinations; for a complete list, see [Supported Configurations and Components](#) on the Red Hat Customer Portal.

The requirements to install and run this release of Developer Studio are:

- Recommended requirements:
 - 4 GB RAM
 - 2 GB of hard disk space
- Minimum requirements:
 - 2 GB RAM
 - 1 GB of hard disk space.

CHAPTER 3. UPDATING DEVELOPER STUDIO INTEGRATION STACK

Each major version of Developer Studio Integration Stack is based on a different version of Eclipse. As a result, it is not possible to update an older major version of Developer Studio Integration Stack to a newer major version. For example, it is not possible to update an existing Developer Studio Integration Stack 11.x or earlier installation to Developer Studio Integration Stack 12.0. because Developer Studio Integration Stack 11.x is based on Eclipse Oxygen (4.7) but Developer Studio Integration Stack 12.0 is based on Eclipse Photon (4.8).

You can configure your IDE settings for automatic updates. The IDE then automatically notifies users when an update for the next minor version is available, depending on your IDE settings for automatic updates. To check for updates, click **Help** → **Check for Updates**.

CHAPTER 4. INSTALLING DEVELOPER STUDIO INTEGRATION STACK USING THE STANDALONE INSTALLER

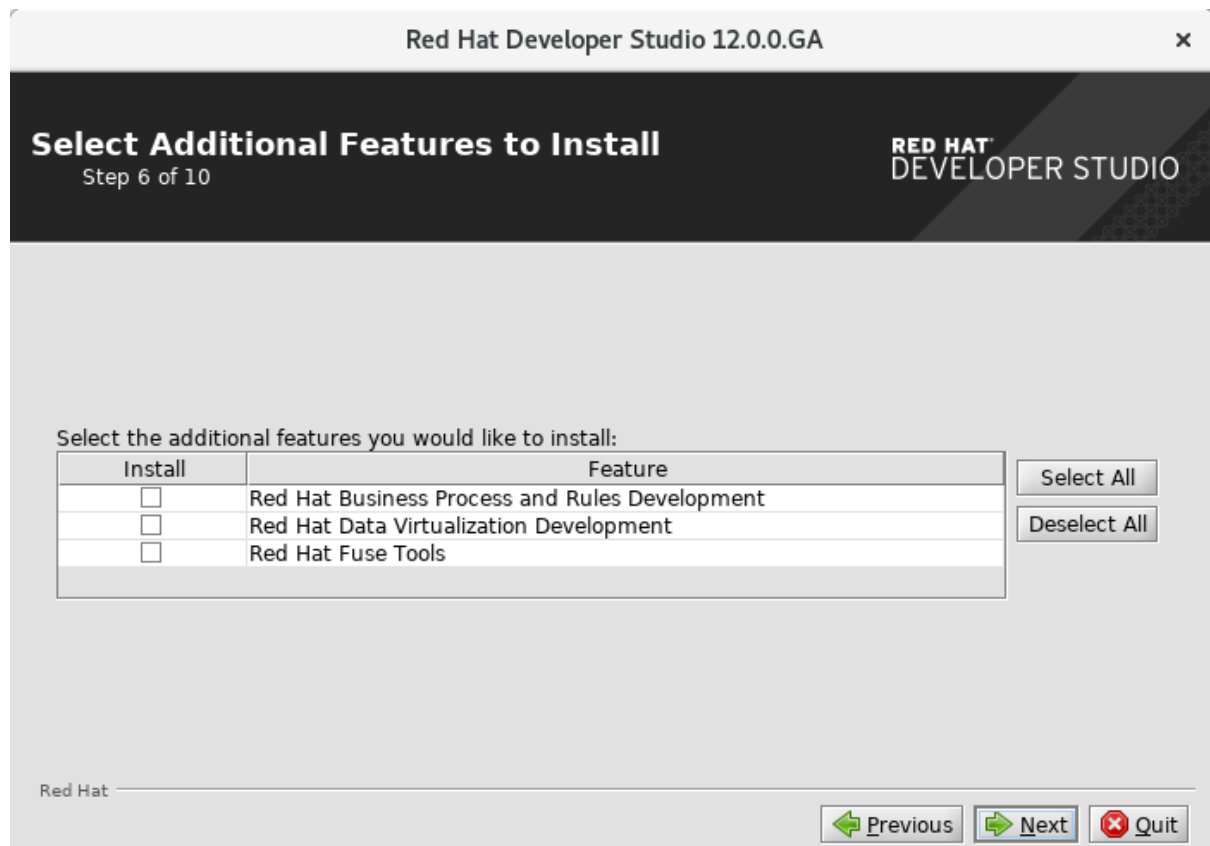
Use the standalone installer to install Developer Studio Integration Stack with all the latest versions of the integration stack components:

- Red Hat Developer Studio
- Red Hat Business Process and Rules Management
- Red Hat Fuse Tools
- Red Hat Data Virtualization Development

To install Developer Studio Integration Stack using the Standalone Installer:

1. Download the Standalone Installer file from [Developer Studio Software Downloads](#) and run the file.
2. Indicate agreement with the terms and conditions and then specify a target installation directory and a target JDK for the installation.
3. Select the required components from the **Select Additional Features to Install** screen:

Figure 4.1. Select Additional Features to Install



4. Click **Next** to continue the installation process until the process completes.

When complete, Developer Studio Integration Stack and the integration stack components are ready to use.

CHAPTER 5. INSTALLING DEVELOPER STUDIO INTEGRATION STACK IN ECLIPSE WHEN ONLINE

Developer Studio Integration Stack is available to install in Eclipse when you are online. Installing these components also installs Developer Studio.

To install Developer Studio Integration Stack in Eclipse when online:

1. Start **Eclipse Photon for Java EE Developers** .
2. Click **Help** → **Eclipse Marketplace**, locate **Red Hat Developer Studio Integration Stack** and click **Install**.
3. Select the components to install:
 - a. For Red Hat Process Automation Manager, select **Red Hat Business Process and Rules Development (BPEL, BPMN2, jBPMS6, Drools)**.
 - b. For Red Hat Data Virtualization, select **Red Hat Data Virtualization Development (Teiid Designer)**.
4. Follow the on-screen instructions to complete the installation process.

During the installation process, warnings about installing unsigned content may display. If this is the case, review the details of the content and if satisfied click **OK** to continue the installation.



WARNING

Restart the IDE to apply the changes. Until it is restarted, the changes may make the IDE unstable.

Once installed, complete the additional configuration actions before you can use the Developer Studio Integration Stack functionality. For plug-in specific configuration information, see the appropriate Red Hat JBoss product documentation available from the [Red Hat Customer Portal](#) .

CHAPTER 6. INSTALLING DEVELOPER STUDIO INTEGRATION STACK IN ECLIPSE WHEN OFFLINE

To install Developer Studio Integration Stack in Eclipse when offline:

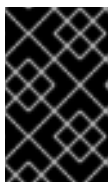
1. Locate and download the following files at [Developer Studio Software Downloads](#):
 - a. **Red Hat Developer Studio 12.0.0 Update Site Zip**
 - b. **Red Hat Developer Studio Integration Stack 12.0.0 Update Site Zip**
2. Start **Eclipse Photon for Java EE Developers** .
3. Click **Window** → **Preferences** → **Install/Update** → **Available Software Sites** .
4. Click **Add**, click **Archive** to locate the Developer Studio Update .zip file, select the file and click **Add**.
5. Click **Apply and Close** again to close the **Preferences** window.
6. Click **Help** → **Install New Software** .
7. Next to the **Work with** field, click **Add** and click **Archive** to locate the **Red Hat Developer Studio Integration Stack 12.0.0 Update Site Zip** file.
8. From the table of categories, select the Developer Studio Integration Stack functionality you want to install:
 - a. For Red Hat Process Automation Manager, select **Red Hat Business Process and Rules Development (BPEL, BPMN2, jBPMS6, Drools)**.
 - b. For Red Hat Data Virtualization, select **Red Hat Data Virtualization Development (Teiid Designer)**.
9. Click **Next**.
10. Follow the on-screen instructions to complete the installation process.

During the installation process, you may receive warnings about installing unsigned content. If this is the case, review the details of the content and if satisfied click **OK** to continue with the installation.

Once installation is complete, you are prompted to restart the IDE. Click **Yes** when any changes to open projects are saved and you are ready to restart the IDE immediately. If the IDE is not restarted, the unapplied changes can make the IDE unstable.

CHAPTER 7. INSTALLING DEVELOPER STUDIO INTEGRATION STACK IN DEVELOPER STUDIO WHEN ONLINE

Developer Studio Integration Stack is available to install from Developer Studio, through Red Hat Central **Software/Update** tab, when online.



IMPORTANT

Before using the following instructions to install Developer Studio Integration Stack, ensure that Developer Studio is installed. For detailed steps to install Developer Studio, see [Install Red Hat Developer Studio](#).

To install Developer Studio Integration Stack in Developer Studio when online:

1. Start Developer Studio 12.0.
2. In Red Hat Central, click the **Software/Update** tab. If Red Hat Central is not visible, click **Help** → **Red Hat Central**.
3. In the list of available software, locate **Developer Studio Integration Stack**.
4. Select the check boxes corresponding to the Developer Studio Integration Stack functionality you want to install:
 - a. For Red Hat Process Automation Manager, select **Red Hat Business Process and Rules Development (BPEL, BPMN2, jBPMS6, Drools)**.
 - b. For Red Hat Data Virtualization, select **Red Hat Data Virtualization Development (Teiid Designer)**.
5. Click **Install/Update**.
6. Follow the on-screen instructions to complete the installation process.

Restart the IDE to apply the changes. Until it is restarted, the changes may make the IDE unstable.

Once installed, you may need to complete additional configuration actions before you can use the Developer Studio Integration Stack functionality. For plug-in specific configuration information, see the appropriate Red Hat JBoss product documentation available from the [Red Hat Customer Portal](#).



IMPORTANT

If you install only selected functionalities from a Developer Studio Integration Stack category, then the category continues to be listed as uninstalled in the Red Hat Central **Software/Update** tab.

CHAPTER 8. INSTALLING DEVELOPER STUDIO INTEGRATION STACK IN DEVELOPER STUDIO WHEN OFFLINE



IMPORTANT

To install Developer Studio Integration Stack as detailed in the steps below, it is essential that you have an instance of Developer Studio installed. For detailed steps to install Developer Studio, see [Install Red Hat Developer Studio](#).

To install Developer Studio Integration Stack in Developer Studio when offline:

1. Locate and download the **Red Hat Developer Studio Integration Stack 12.0.0 Update Site Zip** file from [Developer Studio Software Downloads](#).
2. Start Developer Studio 12.0.
3. Click **Help** → **Install New Software**.
4. Next to the **Work with** field, click **Add** and click **Archive** to locate the **Red Hat Developer Studio Integration Stack 12.0.0 Update Site Zip** file.
5. From the table of categories, select the Developer Studio Integration Stack functionality you want to install:
 - a. For Red Hat Process Automation Manager, select **Red Hat Business Process and Rules Development (BPEL, BPMN2, jBPMS6, Drools)**.
 - b. For Red Hat Data Virtualization, select **Red Hat Data Virtualization Development (Teiid Designer)**.
6. Click **Next**.
7. Follow the on-screen instructions to complete the installation process.

During the installation process, you may receive warnings about installing unsigned content. If this is the case, review the details of the content and if satisfied click **OK** to continue with the installation.

Once installation is complete, you are prompted to restart the IDE. Click **Yes** when any changes to open projects are saved and you are ready to restart the IDE immediately. Unapplied IDE changes can cause instability if the IDE is not restarted.

CHAPTER 9. UNINSTALLATION OPTIONS

After concluding development in one of the Red Hat Developer Studio Integration Stack tooling plug-ins, you can choose to uninstall either an entire category of plug-ins or individual plug-ins. Removing plug-ins that are no longer required provides continued stability and ensures optimal performance due to a smaller memory footprint. Uninstall a category of features to remove all related features efficiently, or select individual plug-ins to remove in a customized uninstall process.

- To uninstall an entire category of features, see [Section 9.1, “Uninstalling an Entire Category of Developer Studio Integration Stack”](#).
- To uninstall a single feature, see [Section 9.2, “Uninstalling a Single Feature of Developer Studio Integration Stack”](#).

9.1. UNINSTALLING AN ENTIRE CATEGORY OF DEVELOPER STUDIO INTEGRATION STACK

To uninstall an entire category of Developer Studio Integration Stack:

1. In Red Hat Central, click the **Software/Update** tab.



NOTE

If Red Hat Central is not visible, click **Help** → **Red Hat Central**.

2. Click the **Show installed** check box.
3. In the **Features Available** list, locate **Developer Studio Integration Stack**.
4. Select the check boxes corresponding to the Developer Studio Integration Stack category to uninstall:
 - a. For Red Hat Process Automation Manager, select **Red Hat Business Process and Rules Development (BPEL, BPMN2, jBPMS6, Drools)**.
 - b. For Red Hat Data Virtualization, select **Red Hat Data Virtualization Development (Teiid Designer)**.
5. Click **Uninstall**.
6. Follow the on-screen instructions to complete the process of uninstalling the selected category.
7. Restart the IDE to implement the changes. An immediate restart is recommended because the IDE may be unstable until a restart.

9.2. UNINSTALLING A SINGLE FEATURE OF DEVELOPER STUDIO INTEGRATION STACK

To uninstall a single feature of Developer Studio Integration Stack:

1. Click **Help** → **Installation Details**.
2. In the search field type the feature to uninstall.

3. Click the feature to uninstall and click **Uninstall**.



NOTE

To delete more than one feature select the features while you press the Shift key.

4. Follow the on-screen instructions to complete the process of uninstalling the selected feature.
5. Restart the IDE to implement the changes. An immediate restart is recommended because the IDE may be unstable until a restart.