

# ADOBE® COLDFUSION® 9 Update 1

## INSTALLING THE COLDFUSION 9 UPDATE



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Adobe® ColdFusion® 9 Update 1

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# Installing ColdFusion 9 Update 1

This document provides information about how to install ColdFusion 9 Update 1. The updater installs on top of an existing installation of ColdFusion 9.

## Updating an existing ColdFusion 9 installation

When you update an existing ColdFusion 9 installation, you do one of the following:

- [Update a ColdFusion 9 server configuration on Windows](#)
- [Update a ColdFusion 9 server configuration on UNIX](#)
- [Update a ColdFusion 9 server configuration on Macintosh OS X](#)
- [Update a ColdFusion 9 multiserver configuration on Windows](#)
- [Update a ColdFusion 9 multiserver configuration on UNIX](#)
- [Update a ColdFusion 9 multiserver configuration on Macintosh OS X](#)
- [Update a ColdFusion 9 Windows or UNIX J2EE configuration](#)

### Update a ColdFusion 9 server configuration on Windows

**Important:** Read the [ColdFusion 9 server configuration installation notes](#) before you install the update.

- 1 Close any applications that are currently running on your computer.
- 2 If you are running the server configuration, stop the following services:
  - ColdFusion 9 Application Server
  - ColdFusion 9 Search Server and ColdFusion 9 Solr server
  - ColdFusion 9 .Net Service
  - All ODBC services
  - (On Windows Server 2003 systems only) Windows Management Instrumentation
  - (Only if you use IIS as your web server for ColdFusion) World Wide Web Publishing Service
  - (If you use a web server other than IIS or the ColdFusion built-in web server) The web server
- 3 Run ColdFusion\_update\_901\_WWEJ\_win.exe or ColdFusion\_update\_901\_WWEJ\_win64.exe. The Install Wizard starts.
- 4 Follow the instructions in the wizard. Select the Server Configuration option on the Configure Installer page. Respond as appropriate to all other options; for example, specify the location of the ColdFusion 9 installation that you are updating and the location of the CFIDE directory. Let the installer run to completion.

*Note:* If you use IIS as your web server and do not shut it down in step 3, ColdFusion attempts to shut down each site individually and restart it after installing Update 1. If you have large numbers of sites, this might take a long time.
- 5 After the Pre-Installation Summary page of the wizard, the updater copies updated files to your computer and upgrades any configured web server connectors.

- 6 After the installation is complete, ensure that any services that you stopped in step 2 are running; restart them if they are not running.

## Update a ColdFusion 9 server configuration on UNIX

**Important:** Read the *ColdFusion 9 server configuration installation notes* before you install the update.

These instructions use the general term `cf9_updater_file` to refer to the updater file. The specific updater filename depends on the operating system, as follows:

- Linux: `ColdFusion_update_901_WWEJ_linux.bin` or `ColdFusion_update_901_WWEJ_linux64.bin`
- Solaris: `ColdFusion_update_901_WWEJ_solaris64.bin`

To install the ColdFusion 9 Update 1 on UNIX:

- 1 Log in as root.
- 2 Stop ColdFusion 9 by using the following command: `/cf_root/bin/coldfusion stop`.
- 3 Stop the ColdFusion Search service and Solr Search service.
- 4 Stop your web server.
- 5 Using the `cd` command, go to the directory where the updater file is present; for example, `/home/downloads/`
- 6 Ensure that the updater file owner has full permissions and all others have read and execute permissions. If required, use `chmod` command to change the permissions.
- 7 Start the installation by using the following command: `./cf9_updater_file`. The installation program starts.
- 8 Follow the instructions in the Install Wizard.
  - a On the Configure Installation page, select the "Server Configuration" option.
  - b On the Configure ColdFusion 9 page, specify the location of the ColdFusion 9 directory that you are updating. The wizard default value is the default location that the ColdFusion 9 installer uses (`/opt/coldfusion9`).
  - c Specify the location of the CFIDE directory; make sure that you enter the path for CFIDE dir and not the webroot.
  - d Let the installer run to completion.
- 9 After the updater program finishes, ensure that your web server has restarted; if not, restart it manually.
- 10 Start ColdFusion 9 by using the following command: `/cf_root/bin/coldfusion start`
- 11 Start the ColdFusion Search services using the following command:
 

```
/cf_root/bin/cfsearch start
/cf_root/solr/cfsolr start
```

## Update a ColdFusion 9 server configuration on Macintosh OS X

**Important:** Read the *ColdFusion 9 multiserver configuration installation notes* before you install the update.

**Note:** To install ColdFusion 9 Update 1 on Macintosh OS X, you must have full machine "administrative" privileges; otherwise, permission errors occur during installation, and the installation does not complete successfully.

To install the ColdFusion 9 Update 1 server configuration on Macintosh OS X:

- 1 Close any applications that are currently running on your computer.
- 2 Stop your web server and ColdFusion 9 Solr service.

- 3 Go to the location where you downloaded the ColdFusion 9 Update 1 installer.
- 4 Unpack the ZIP file ColdFusion\_update\_901\_\_WWEJ\_osx10.zip to get the cf9\_updater.app file.
- 5 Ensure that you have read access to the cf9\_updater.app file.
- 6 Double-click the "cf9\_updater.app" to start the installation.
- 7 Follow the instructions in the installation wizard.

*Note: In addition to the required information listed in Installing Adobe ColdFusion 9, you must enter the current user password for the computer on which you install Update 1.*

- 8 After the installation of the update, the ColdFusion server must be started manually from ColdFusion root/bin by typing `./coldfusion start` or from the ColdFusion launcher.
- 9 (If not running) Start the Solr service.

*Note: If you try to open the ColdFusion 9 Administrator just after installing ColdFusion 9 Update 1, and see an Error 500, you should wait a few seconds, and then refresh the page.*

## Update a ColdFusion 9 multiserver configuration on Windows

**Important:** Read the [ColdFusion 9 multiserver configuration installation notes](#) before you install the update.

### Windows configuration Notes:

- Updating the multiserver configuration updates the cfusion JRun server and all JRun servers that contain ColdFusion.
- Updating the multiserver configuration includes JRun 4 updater 7 selected hot fixes. For more information on updating JRun 4, see the [Adobe JRun Hot Fix Main Page](#).
- The ColdFusion 9 updater tries to update ColdFusion server instances in the `jrun_root/servers` directory. However, if the ColdFusion server instances are outside the `jrun_root/servers` directory, the ColdFusion 9 updater does not update them.

To install the ColdFusion 9 update on Windows:

- 1 Close any applications that are currently running on your computer.
- 2 If you run any of the following as a Windows service, stop them:
  - The cfusion JRun server and all instances of JRun that run the ColdFusion 9 application
  - ColdFusion 9 Search server and ColdFusion 9 Solr server
  - ColdFusion 9 .Net Service
  - (On Windows Server 2003 systems only) Windows Management Instrumentation

If the JRun server on which ColdFusion 9 is deployed does not run as a Windows service, use the JRun Launcher, JRun Management Console (JMC), or command line to stop the JRun server on which ColdFusion 9 runs.

- 3 Run ColdFusion\_update\_901\_WWEJ\_win.exe or ColdFusion\_update\_901\_WWEJ\_win64.exe. The Install Wizard starts.
- 4 Follow the instructions in the wizard.
  - On the Configure Installer page, select the Multiserver Configuration option.
  - On the Configure ColdFusion 9 page, specify the location of JRun.
  - On the next page, specify the location of the CFIDE directory.

- Let the installer run to completion.
- 5 After the Pre-Installation Summary page of the wizard, the updater copies updated files to your computer.
  - 6 After the installation is complete, restart the services or JRun servers that you stopped in step 2.

## Update a ColdFusion 9 multiserver configuration on UNIX

**Important:** Read the ColdFusion 9 multiserver configuration installation notes before you install the update.

**Note:**

- Updating the multiserver configuration updates the cfusion JRun server and all JRun servers that contain ColdFusion.
- Updating the multiserver configuration includes JRun 4 updater 7 selected hot fixes. For more information on updating JRun 4, see the [Adobe JRun Hot Fix Main Page](#).
- These instructions use the general term `cf9_updater_file` to refer to the updater file. The specific filename depends on the operating system, as follows:
  - Linux: `ColdFusion_update_901_WWEJ_linux.bin` or `ColdFusion_update_901_WWEJ_linux64.bin`
  - Solaris: `ColdFusion_update_901_WWEJ_solaris64.bin`

To install ColdFusion 9 Update 1 on UNIX:

- 1 Log in as root.
- 2 Use the JRun Management Console, the JRun Launcher, or the command line to stop the instance of JRun that runs the ColdFusion 9 application that you are updating.
- 3 Stop the ColdFusion 9 Search server and ColdFusion 9 Solr server.
- 4 Using the `cd` command, go to the directory where updater file is present; for example, `/home/downloads/`
- 5 Ensure that the updater file owner has full permissions and all others have read and execute permissions. If required, use `chmod` command to change the permissions.
- 6 Start the installation by using the following command:

```
./cf9_updater_file
```

The installation program starts.

- 7 Follow the instructions in the wizard.
  - a On the "Configure Installation" page, select the "Multiserver Configuration" option.
  - b On the "Configure ColdFusion 9" page, specify the location of the JRun 4 directory that you are updating. The wizard default value is the default location that the ColdFusion 9 installer uses (`/opt/jrun4`).
  - c Specify the location of the CFIDE directory; make sure that you enter the path for CFIDE dir and not the webroot.
  - d Let the installer run to completion.
- 8 After the Pre-Installation Summary page of the wizard, the updater copies updated files to your computer.
- 9 Use the JRun Management Console, the JRun Launcher, or the command line to start the JRun servers that have been updated.
- 10 After the installation is complete, restart the services that you stopped (in step 3).

## Update a ColdFusion 9 multiserver configuration on Macintosh OS X

**Important:** Read the *ColdFusion 9 multiserver configuration installation notes* before you install the update.

To install the updater multiserver configuration on Macintosh OS X:

- 1 Close any applications that are currently running on your computer.
- 2 Stop your web server and ColdFusion 9 Solr service.
- 3 Go to the location where you downloaded the ColdFusion 9 Update 1 installer.
- 4 Ensure that you have read access to the cf9\_updater.app file.
- 5 Double-click "cf9\_updater.app" to start the installation.
- 6 Follow the instructions in the installation wizard.
- 7 After the installation of the update, you must start the ColdFusion server manually from jrunroot/bin by typing `./jrun start cfusion` or from the ColdFusion launcher.
- 8 (If not running) Start the Solr service.

**Note:** If you try to open the ColdFusion 9 Administrator just after installing ColdFusion 9 Update 1, and see an Error 500, you should wait a few seconds, and then refresh the page.

## ColdFusion 9 server configuration installation notes

In the following notes, *cf\_webroot* refers to the directory that contains the ColdFusion 9 CFIDE directory. This directory is typically the active web server's root document directory. For example, for the ColdFusion 9 internal web server, this directory is `cf_root/wwwroot`. If ColdFusion 9 uses another web server, such as Microsoft IIS or Apache, the directory might have a different path.

- The updater writes the following information files to the `cf_root` directory:
  - `Adobe_ColdFusion_9.0.1_InstallLog.log`: Log file that provides installation details, including the files that installed.
  - `cf9_updater_installer_debug.txt`: Detailed debugging information, which can be useful for Adobe Technical Support.
- The updater checks the validity of ColdFusion 9 installation before you install Update 1.
- The updater puts copies of the original versions of all files that it updates in the `cf_root/updater_backup` directory tree. Each file's location in this directory tree reflects the original file's location relative to the `cf_root` directory.

**Important:** If you reinstall Update 1, the installation overwrites the original backup files, and you lose the original release versions of the files. If you must reinstall the update, copy the backup files to a place outside the updater backup directory before you reinstall.

- On UNIX or Linux, run `cf_root/bin/connectors/upgrade_all_connectors.sh`. The script takes no arguments.

## ColdFusion 9 multiserver configuration installation notes

These notes use the following pathnames:

The directory name *cf\_root* refers to the directory that contains your ColdFusion 9 WEB-INF directory. This directory is typically `jrun_root\servers\server_name\cfusion-ear\cfusion-war`, where *server\_name* is normally `cfusion`.

The directory name *cf\_webroot* refers to the directory that contains the ColdFusion 9 CFIDE directory. This directory is typically the active web server's root document directory. For example, for the default multiserver configuration using the ColdFusion 9 internal web server, this directory is the same as *jrun\_root\servers\server\_name\cfusion-ear\cfusion-war*. If ColdFusion 9 uses another web server, such as Microsoft IIS or Apache, the directory has a different path. You specify the location of this directory in one of the Updater Install Wizard steps.

The updater writes the following information files:

- *Adobe\_ColdFusion\_9.0.1\_InstallLog.log*: Log file that provides installation details, including the files installed. Saved in the *jrun\_root* directory.
- *cf9\_updater\_installer\_debug.txt*: Detailed debugging information, which can be useful for Adobe Technical Support. Saved in the *jrun\_root* directory.

The updater checks for the validity of ColdFusion 9 installation before it proceeds with the updater installation.

The updater puts copies of the original versions of all files that it updates in the *cf\_root\WEB-INF\cfusion\updater\_backup* directory tree. Each file's location in this directory tree reflects the original file's location relative to the *cf\_root\WEB-INF\cfusion* directory, with the exception of the *wwwroot* subdirectory, which contains files in their location relative to the *cf\_webroot* directory.

**Important:** *If you reinstall an update that has already created backup files, the installation overwrites the original backup files and you will lose the ColdFusion 9 release versions of the files. If you must reinstall the update, copy the backup files to a place outside the *updater\_backup* directory before you reinstall.*

## Updating a ColdFusion J2EE Configuration

When updating the J2EE configuration, you completely redeploy an updated ColdFusion application.

For the update, save all ColdFusion application and server settings, undeploy ColdFusion, update the ColdFusion 9 archive (.ear or .war) and then deploy it. After that, get all application and server settings back.

**Note:** *These instructions refer to the ColdFusion 9 J2EE deployment instructions for your application server. For more information, see *Installing Adobe ColdFusion 9*.*

### Update a ColdFusion 9 Windows or UNIX J2EE configuration

To install the update on ColdFusion 9 J2EE configurations on Windows or UNIX, you perform the following tasks:

- 1 Save your ColdFusion 9 application and configuration files
- 2 Undeploy your ColdFusion 9 application
- 3 Install an updated ColdFusion 9 EAR or WAR file
- 4 Redeploy an updated ColdFusion 9 application
- 5 Restore your configuration

The following sections provide detailed descriptions of each of these tasks.

**Note:** *If you are using AIX, use the following JAR for upgrade: *ColdFusion\_update\_901\_WWEJ\_java.jar**

#### Save your ColdFusion 9 application and configuration files

To save your ColdFusion 9 information, create a ColdFusion Archive (CAR file) by performing the following steps:

- 1 Save your ColdFusion license number.
- 2 Open the ColdFusion 9 Administrator and go to Packaging and Deployment > ColdFusion Archives.
- 3 Create a new archive and run the Archive Wizard.

Alternatively, you can back up files manually:

- If your web root is under the *cf\_root* directory, back up the files or directories that you have put in your web root. Do not back up the *cfdocs*, *CFIDE*, *META-INF*, or *WEB-INF* directory.
- If you added custom tags, CFX files, CFC files, applets, or any other custom files in directories under the *cf\_root* directory, save copies of these files. Review the ColdFusion9 Administrator Mappings, Java Applets, CFX Tags, and Custom Tag Paths pages to check for files that need to be backed up. For example, the directories such as the following might contain files that require backing up:
  - *cfusion\cfusion.ear\cfusion.war\WEB-INF\jsp*
  - *cfusion\cfusion.ear\cfusion.war\WEB-INF\cfusion\cfx*
  - *cfusion\cfusion.ear\cfusion.war\WEB-INF\cfusion\CustomTags*
- Back up the following ColdFusion 9 configuration files in the *cf\_root\WEB-INF\cfusion\lib* directory:
  - All *neo-\*.xml* files
  - *license.properties*
- Back up anything you added to the *cf\_root\WEB-INF\cfusion\gateway* directory.

### Undeploy your ColdFusion 9 application

Undeploy your ColdFusion 9 application using your J2EE server's application or server undeployment procedure:

- 1 Stop the Verity and Solr Search server.
- 2 As appropriate for your application server, either stop the ColdFusion application and RDS application (if it is running), or stop the application server.
- 3 Undeploy your ColdFusion 9 J2EE enterprise application, or the ColdFusion 9 web application and the RDS application (if it is installed) from your application server, by using the standard undeployment procedure for your J2EE server. For server-specific ColdFusion 9 deployment instructions, see the *Installing Adobe ColdFusion 9*.

### Install an updated ColdFusion 9 EAR or WAR file

- 1 Launch the installer.
- 2 Select "J2EE" option and proceed to next screen.
- 3 Provide the ColdFusion 9 archive (.ear or .war) and install.
- 4 On the summary page, click Install.

The installer creates an EAR or WAR file that contains ColdFusion 9 with all updates.

### Redeploy an updated ColdFusion 9 application

Follow the normal deployment procedure for your J2EE server. Server-specific instructions for deploying ColdFusion 9 are available in the *Installing Adobe ColdFusion 9*.

**Note:** The server-specific instructions assume that you are deploying ColdFusion 9 for the first time. Undeploying the ColdFusion application does not remove JVM settings, so you do not have to do the JVM configuration steps described in these instructions.

### Restore your configuration

Use the following procedure to restore your ColdFusion 9 configuration after you deploy the updated EAR or WAR file.

#### If you created a CAR file:

- 1 Open the ColdFusion 9 Administrator and click System Information.
- 2 Enter your ColdFusion 9 serial number and click Submit Changes.
- 3 Select Packaging and Deployment > ColdFusion Archives.
- 4 Under Deploy an Existing Archive, specify the location of the CAR file that you saved in task 1, and click Deploy.

#### If you backed up files manually:

- 1 Ensure that your ColdFusion 9 web application is not running. Depending on your J2EE server, stop either the J2EE server or the ColdFusion web application.
- 2 Copy the files that you saved in task 1 back to their original locations.
- 3 Restart your J2EE server or ColdFusion application.

## Updating third-party services

### Update Solr Search server

For local installation, Solr Search server is updated automatically.

In remote scenarios, update Solr installation manually as follows:

- 1 Stop Solr.
- 2 Back up solr.xml available in the following location: `SOLR_HOME/multicore`.
- 3 Uninstall Solr.
- 4 Reinstall the standalone version of Solr available on Adobe download location.
- 5 Stop Solr (if it has started automatically).
- 6 Bring back the backed up copy of solr.xml to `SOLR_HOME/multicore`.

*Note: After you upgrade, ensure that you reindex the entire Solr collection before you use the search service.*

### Update JNBridge

For local installation, update occurs automatically. For remote installations, uninstall and reinstall JNBridge.

### Update .NET Extension

For both local and remote installations, you must uninstall .Net Extension, and then install the standalone version available at the Adobe download location.

## Support for IIS 7

IIS 7 configuration for ColdFusion has no dependency on IIS 6 Metabase compatibility.

The following configurations are required for using IIS 7 with ColdFusion. Follow the step that is common to all scenarios and then perform the configuration specific to your scenario.

***Note:** Unlike in the previous releases where a common configuration file is used for all websites, IIS 7 configuration settings are specific to websites. Therefore, each website has a web.config file. This web.config file is present in the Content Directory (Document Root for that particular site). Ensure that you do not delete this file.*

***Note:** Assume that you have all your sites configured (using the wsconfig.exe by selecting All). If you add a new site in IIS, the configuration details are not inherited. To configure the new site, invoke the wsconfig.exe, and then click Add. In the Add Web Server Configuration dialog box, select All in the IIS Web Site drop-down list and then click OK. By doing this, configurations are added only to the new sites and not to all sites (again). When you do this, you need not unconfigure all sites that you have already configured.*

**Setup common to all scenarios:**

❖ On Windows, go to the section Application Development Features (Start > Control Panel > Programs and Features > Turn Windows features on or off > Internet Information Services > World Wide Web Services) and then select the following:

- .Net Extensibility
- ASP.NET
- ISAPI Extensions and ISAPI Filters

**Scenario 1: While installing, you configured ColdFusion 9 with native IIS 7**

When you installed ColdFusion 9, you configured native IIS 7 by disabling IIS 6 Management Compatibility options. But native IIS 7 is not supported on ColdFusion 9. Therefore, for this scenario to be effective, you must update ColdFusion 9.

❖ Follow the installation instructions and update ColdFusion 9.

**Scenario 2: While installing ColdFusion 9, you did not configure IIS**

You did not configure IIS while installing ColdFusion 9. Now you are running the updater and want to configure IIS 7. In this case:

❖ Ensure that you have not selected any options under IIS 6 Management Compatibility (Start > Control Panel > Programs and Features > Turn Windows features on or off > Internet Information Services > Web Management Tools).

**Scenario 3: IIS is configured for ColdFusion 9**

You are using IIS 6 Metabase compatibility and you want to use IIS 7 support.

In this case,

- 1 Unconfigure the (already configured) websites.
- 2 Turn off all options under IIS 6 Management Compatibility (Start > Control Panel > Programs and Features > Turn Windows features on or off > Internet Information Services > Web Management Tools)
- 3 Reconfigure the websites.

**Scenario 4: Continue using IIS 6 Metabase compatibility**

You are using IIS 6 Metabase compatibility and you want to continue with that.

In this case,

❖ Do not do anything.

When you run applications in IIS 7 mode on remote machines (with IIS 6 Metabase compatibility turned off), if you encounter an exception, the detailed error message is not displayed. Instead, you see an error code.

To see the error details:

- 1 In the Internet Information Services (IIS) Manager Home, select Error Pages in the IIS section.
- 2 Double-click Error Pages, and then in the Actions pane, select Edit Feature Settings.
- 3 In the Edit Error Pages Settings dialog box, select the option Detailed errors.
- 4 Click OK.

## Configuring third-party services

When you install the update, all ColdFusion-related configuration files are automatically updated. But the configuration files related to the third-party services, for example ehcache.xml, are only replaced. Therefore, to apply custom third-party service configurations in ColdFusion 9 to ColdFusion 9.0.1, you must manually merge the data from the back up location `cf_root\updater_backup`.

## Uninstalling the Update

Use the following procedures to uninstall the ColdFusion 9 update and revert to the original ColdFusion 9 installation.

You uninstall Update 1 from one of the following configurations:

- ColdFusion 9 server configuration on Windows
- ColdFusion 9 server configuration on UNIX and Macintosh OS X
- ColdFusion 9 multiserver configuration on Windows
- ColdFusion 9 multiserver configuration on UNIX and Macintosh OS X

If you use Solr search service, ensure that you follow the additional procedures in the section [Using Solr after uninstalling the update](#).

### Uninstall Update 1 from a ColdFusion 9 server configuration on Windows

- 1 Stop the following services, if they are running:
  - ColdFusion 9 Application Server
  - ColdFusion 9 Search server and ColdFusion 9 Solr server
  - ColdFusion 9 .Net service
  - Windows Management Instrumentation
- 2 Move all of the files in the backup folder for the update, `cf_root/updater_backup`, to their original locations, replacing the updated files. The file locations in the backup folder directory tree correspond to their locations relative to the `cf_root` directory.
- 3 Delete the ColdFusion 9 generated class files from the `cf_root\wwwroot\WEB-INF\cfclasses` directory.
- 4 Restart the services that you stopped in step 1. You might also have to restart your web server.

## Uninstall Update 1 from a ColdFusion 9 server configuration on UNIX and Macintosh OS X

- 1 Stop ColdFusion 9 by using the following command: `/cf_root/bin/coldfusion stop`
- 2 Stop ColdFusion Search service and ColdFusion Solr service.
- 3 Move all of the files in the backup folder for the update, `cf_root/updater_backup`, to their original locations, replacing the updated files. The file locations in the backup folder directory tree correspond to their locations relative to the `cf_root` directory.
- 4 Delete the ColdFusion 9 generated class files from the `cf_root/wwwroot/WEB-INF/cfclasses` directory.
- 5 Restart ColdFusion 9 by using the following command: `/cf_root/bin/coldfusion start`
- 6 Restart ColdFusion Search server and ColdFusion Solr server.

After you complete the steps, you might also have to restart your web server.

## Uninstall Update 1 from a ColdFusion 9 multiserver configuration on Windows

This section explains how to uninstall the update from ColdFusion 9 installed on the multiserver configuration on Windows.

To uninstall the ColdFusion 9 update from Windows:

- 1 If you run any of the following as a Windows service, stop them:
  - The JRun server on which the ColdFusion 9 instance that you are updating runs. If you selected the Multi-server Configuration option when you installed ColdFusion 9, and you have not deployed ColdFusion 9 on additional instances of the JRun server, this is the `cfusion` server.
  - ColdFusion 9 Search server and ColdFusion Solr Search server
  - ColdFusion 9 .NET service

If the JRun server on which ColdFusion 9 is deployed does not run as a Windows service, use the JRun Launcher, the JRun Management Console, or the command line to stop the JRun server on which ColdFusion 9 runs.

- 2 Move all of the files in the backup folder for the update, `cf_root\WEB-INF\cfusion\updater_backup` directory tree to their original locations, replacing the updated files. Each file's location in this directory tree reflects the original file's location relative to the `cf_root\WEB-INF\cfusion` directory, with the exception of the `wwwroot` subdirectory, which contains files in their location relative to the `cf_webroot` directory.
- 3 Delete the ColdFusion 9 generated class files from the `cf_root\WEB-INF\cfclasses` directory.
- 4 Restart the services and JRun servers that you stopped in step 1.

## Uninstall Update 1 from a ColdFusion 9 multiserver configuration on UNIX and Macintosh OS X

- 1 Use the JRun Management Console, the JRun Launcher, or the command line to stop the JRun server (typically, the `cfusion` server) on which ColdFusion 9 runs.
- 2 Move all of the files in the backup folder for the update, `cf_root/WEB-INF/cfusion/updater_backup` directory tree to their original locations, replacing the updated files. Each file's location in this directory tree reflects the original file's location relative to the `cf_root/WEB-INF/cfusion` directory, with the exception of the `wwwroot` subdirectory, which contains files in their location relative to the `cf_webroot` directory.
- 3 Delete the ColdFusion 9 generated class files from the `cf_root/WEB-INF/cfclasses` directory.

- 4 Restart the JRun server for ColdFusion 9.

### Using Solr after uninstalling the update

After you uninstall the update, follow the steps provided here to use the Solr search service for ColdFusion 9.

- 1 (If not already stopped) Stop Solr.
- 2 In the *SOLR\_HOME/webapps/* directory, delete *solr.war* and then rename *solr.war.updaterbackup* as *solr.war*.
- 3 In the *SOLR\_HOME/multicore/template/conf/* directory, delete *schema.xml* and then rename *schema.xml.updaterbackup* as *schema.xml*.
- 4 In each collection directory (*COLLECTION\_DIR/conf/* directory), delete *schema.xml* and rename *schema.xml.updaterbackup* as *schema.xml*.
- 5 (If you reindexed the collections after the update) Reindex the collections.
- 6 Remove *SOLR\_HOME/work* folder.
- 7 Start Solr.