

Java iFix 21 Installation and Uninstallation Guide for Apple Silicon (Mac)

This guide outlines the required steps and commands to install, verify, and uninstall Java iFix 21 on Apple Silicon MAC.

Installation Guide

Prerequisites

1. Ensure Rational Software Architecture Designer for WebSphere Software (RSA4WS) v11 is installed and the application is closed.
2. Verify IBM Installation Manager is installed and updated with **-Dcic.is.64bit.os=true** in the **imcl.ini** file. (For detailed setup instructions, refer to the [IBM Documentation Page](#)).

Installation Steps

1. Download Java iFix 21 from Fix Central and extract it to a designated directory:

Shell

```
unzip com.ibm.ide.macosx.aarch64.jdk.fix_21.zip -d <<folder location>>
```

2. Navigate to the Installation Manager tools directory and run the update command:

Shell

```
<<InstallationManager>>/eclipse/tools/imcl -updateAll -repositories  
<<JAVAIFIX 21 extracted Folder>>/repository.config  
-installationDirectory <<RSA4WS Installation folder location>>  
-acceptLicense -preferences  
com.ibm.cic.common.core.preferences.ssl.nonsecureMode=true -log  
/tmp/imlog.xml -s -sP
```

Verification

Option 1: Command Line Interface (CLI)

1. Execute the following command to check installed packages:

Shell

```
<<InstallationManager>>/eclipse/tools/imcl listInstalledPackages
```

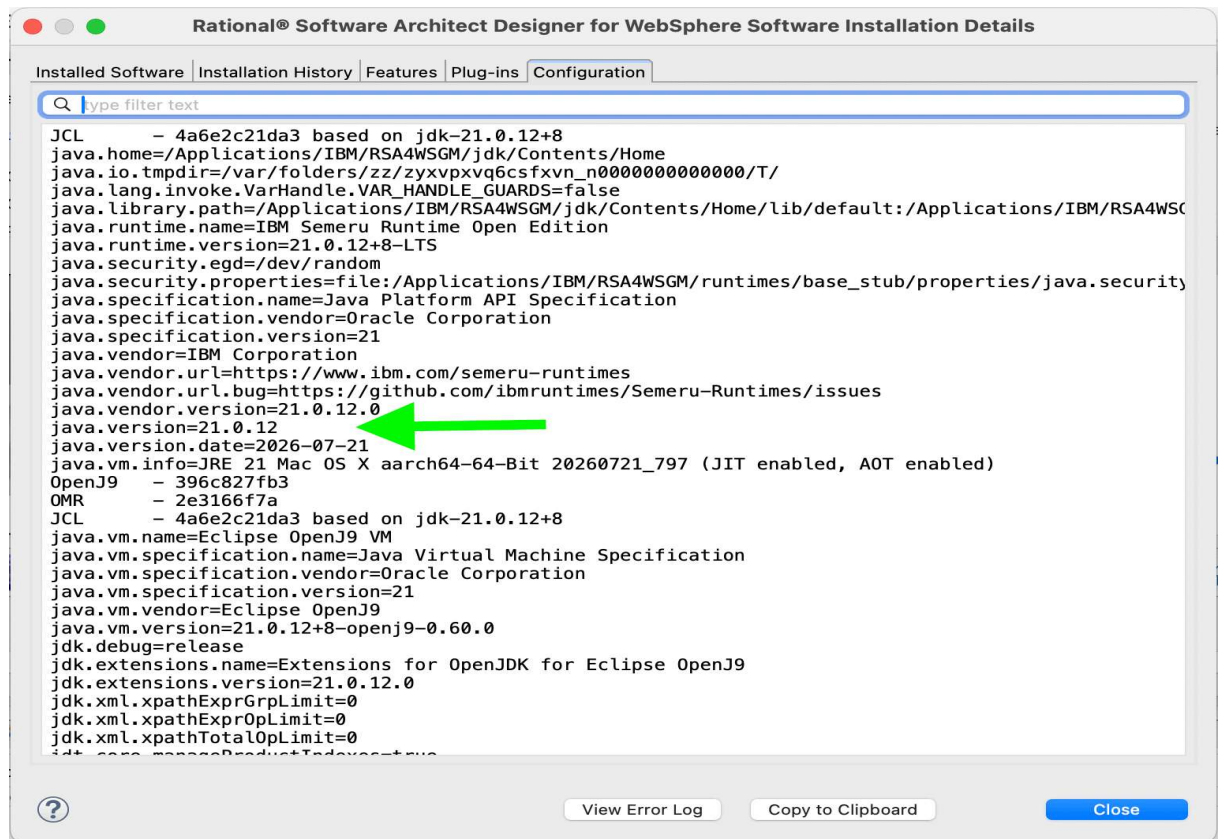
2. Confirm that the command output includes the following entry:

None

```
com.ibm.ide.jdk.fix.<<number>>
```

Option 2: RSA4WS User Interface (UI)

1. Launch the RSA4WS application.
2. In the top-left menu bar, select **Rational SA > About RationalSA**.
3. In the window that appears, click **Installation Details**.
4. Switch to the **Configuration** tab and scroll down to verify that **java.version = 21.0.12** is displayed.



Uninstallation Guide

Prerequisites

1. Ensure the RSA4WS v11 application is fully closed.

Uninstallation Steps

1. List all installed packages to verify the exact package identifier:

Shell

```
<<InstallationManager>>/eclipse/tools/imcl listInstalledPackages
```

2. Locate and copy the JDK iFix package string from the output (e.g., **com.ibm.ide.jdk.fix...**).
3. Run the uninstallation command using the copied package ID:

Shell

```
<<InstallationManager>>/eclipse/tools/imcl uninstall  
com.ibm.ide.jdk.fix.20260812.0905_21.0.1200.20260812_0905  
-installationDirectory <<RSA4WS Installation folder>>
```