Instructions for manually updating the JRE within Guardium Data Redaction V2.5.1 Installation

Abstract

This document describes the manual process necessary to update the JRE component of Redaction V2.5.1 to the latest revision of JRE v.6 Service Release 16.

Content

Updating the JRE in InfoSphere Guardium Data Redaction ("Redaction") V2.5.1 is a manual process.
The installation procedure is slightly different for each platform.
The installation steps need to be performed by a userid on the system which has sufficient authority to modify the Redaction V2.5.1 installation, for example the root user.

Installation

The following instructions use the convention that *${IBM_REDACTION_HOME}* and *%IBM_REDACTION_HOME%* are the root directory location of the Redaction installation.
The default value for this installation path is */opt/IBM/GuardiumDataRedaction* on Linux and "*c:\Program Files (x86)\IBM\Guardium Data Redaction*" on Windows.
The location of the JRE is under this:
o **Linux (x86 64-bit):**
${IBM_REDACTION_HOME}/java/linux/ibm-java-x86_64-60
o Windows
%IBM_REDACTION_HOME%\java\windows\ibm-java2-jre-60
1. Download the updated JRE package from the IBM Support website.
2. *Optional*: Make a note of the version of the JRE which your installation is currently using. This is used to verify that this JRE update has been successful.
To determine the version of the JRE which is embedded into the Redaction V2.5.1 installation, use the *java -fullversion* command, invoking the Java™ binary which is at */jre/bin* under the Java path mentioned in Step 1.
By default, Redaction v.2.5.1 will give this value
java full version "JRE 1.6.0 IBM Windows 32 build
pwi3260sr13fp1-20130325_01 (SR 13 FP1)"
3. Place the downloaded archive in the Java directory mentioned in Step 1.

4. Stop **all** Redaction processes associated with the installation which is to be updated.

5. Ensure you have a backup of the existing JRE installation

o **Linux (64-bit)**

The installed software already includes a backup of the original JRE

${IBM_REDACTION_HOME}/java/linux/ibm-java-jre-6.0-13.1-

linux-x86_64.tgz

o Windows

Either use the Windows Explorer to create a backup directory, or the command lines:

cd "%IBM_REDACTION_HOME%"

move java java.original

mkdir java

cd java

mkdir windows

6. Delete the original content of the Java folders mentioned in Step 1.

7. Extract the JRE files into the Java directory.

o Linux (64-bit):
cd ${IBM_REDACTION_HOME}/linux
tar -zxf ibm-java-jre-6.0-16.70-linux-x86_64.tgz
o Windows:
Use a zip program like 7zip or the built-in Windows Explorer zip-archive
functionality to extract the JRE zip file.
The directory structure of this JRE directory should now resemble the original
directory which was mentioned in Step 1.
8. *Optional*: Verify that the update has been successful by re-running the java –
fullversion command, as in Step 2.
Uninstallation and Restoring Originals
To ensure that the eventual uninstallation of Redaction system from the system does not
leave files behind, check that the updated JRE files are removed after the uninstall
process.
You can also revert to the original JRE if needed.
Deleting the JRE directory, and move the backed up directory back into its original
location:
1. Stop all Redaction system activity associated with the installation which is to be
updated.
2. Restore originals
o **Linux (64-bit)**
Note that the original JRE is stored in
${IBM_REDACTION_HOME}/java/linux/ibm-java-jre-6.0-13.1-
linux-x86_64.tgz as part of the Redaction 2.5.1 installation, and can be
extracted if needed.
o Windows
Delete the set of folders for the new JRE which were extracted from the
zip file using the Windows Explorer, and then rename the backed up original version.