

IBM Tivoli Composite Application Manager for WebSphere V6.0

Readme for the update installer V6.0.0.0

November 28, 2005

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1 Abstract

The Update Installer for IBM Tivoli Composite Application Manager for WebSphere V6.0 provides the following functionality:

- A silent command-line update installer.
- Installation and removal of individual and of multiple updates (Fix Packs and interim fixes).
- Logging, tracking and prerequisite handling.

This readme describes how to install and uninstall updates.

2 Change History

6.0.0.0 November 28, 2005

- First release.

3 Installing Updates

This section describes how to install Fix Packs and interim fixes.

3.1 Unpacking Update

The Fix Packs and interim fixes are distributed as tar files. Create a temporary directory, put the update package there and un-tar.

The Fix Pack tar will typically contain two tars: one for Data Collectors and the other for Managing Server. Un-tar them as described in the Fix Pack readme.

After un-taring the update package you should get the updates directory that contains the file with the *.update extension. For example:

```
>tar xvf 6.0.0.0-TIV-ITCAM_MP-IF0001.tar  
  
Readme.6000.01.txt  
updates/  
updates/6.0.0.0-TIV-ITCAM_MP-IF0001.update
```

3.2 Unpacking the Update Installer

Copy the update installer tar to the same directory where you un-tared the update package. This directory will typically contain the **updates** subdirectory. Un-tar the update installer package using the tar command, for example:

```
>tar xvf ITCAM6_UpdateInstaller.tar  
  
silentUpdate.bat  
silentUpdate.properties  
silentUpdate.sh  
update.jar
```

The resulting directory structure will contain both, the update installer and the update file. For example:

```
silentUpdate.bat  
silentUpdate.properties  
silentUpdate.sh  
update.jar  
Readme.6000.01.txt  
updates/  
updates/6.0.0.0-TIV-ITCAM_MP-IF0001.update
```

3.3 Preparing Environment

Before running the update installer you should login as root (Administrator) or owner of the product directory. Then update the environment as below.

The update installer requires the Java Runtime Environment version 1.3.1 or higher. Either include the java command into PATH or define the JAVA_HOME environment variable to point to the Java Runtime Environment home directory.

For example, on UNIX or Linux, run:

```
JAVA_HOME=/opt/WebSphere/AppServer/java  
export JAVA_HOME
```

3.4 Updating the Response File

The update installer is a non-interactive silent installer that works based on the response file. The default name of the response file is `silentUpdate.properties` and it is supplied with the update installer. Update the response file as follows:

- Set the **product.location** property with the correct product location directory
- Optionally, if the *.update files are not in default `./updates` directory, then set the **updates.location** property with the directory that contains the *.update files.
- If the Visual Engine was not installed to the Managing Server runtime to be updated then set the **updateVe** property to false. Otherwise uncomment and set the **updateVe.wasHome** property with `WAS_HOME` of the Visual Engine application server.

Note: the response file is Java Properties file. Any backward-slashes should be doubled, for example:

```
product.location=C:\\Program Files\\IBM\\WSAM
```

3.5 Preparing Installation

To reduce the application server or Managing Server down-time the update installer allows to prepare installation while the product is running. This step is optional but is recommended.

In order to prepare installation change to the directory where the update installer scripts are stored and run the following command:

Windows:

```
silentUpdate.bat -prepareInstall
```

UNIX or Linux:

```
./silentUpdate.sh -prepareInstall
```

If your response file is named differently then the default `silentUpdate.properties` then specify it as a parameter:

Windows:

```
silentUpdate.bat -prepareInstall my.properties
```

UNIX or Linux:

```
./silentUpdate.sh -prepareInstall my.properties
```

A typical output of the `-prepareInstall` command is:

```
>./silentUpdate.sh -prepareInstall
Update installer version 6.0.0.0
Logging details into
/opt/IBM/itcam/WebSphere/MS/logs/update/update_20050916213723.log
Action: prepare install
Finished successfully
```

3.6 Installing

It is recommended that you run the -prepareInstall command before installing the update, see the previous section for details.

Before installing the update you should stop the product that you will update, i.e. the application server being monitored or the Managing Server components.

After you stopped the product change to the directory where the update installer scripts are stored and run the following command.

Windows:

```
silentUpdate.bat -install
```

UNIX or Linux:

```
./silentUpdate.sh -install
```

If your response file is named differently then the default silentUpdate.properties then specify it as a parameter:

Windows:

```
silentUpdate.bat -install my.properties
```

UNIX or Linux:

```
./silentUpdate.sh -install my.properties
```

A typical output of the -install command is:

```
>./silentUpdate.sh -install
Update installer version 6.0.0.0
Logging details into /opt/IBM/itcam/WebSphere/logs/update/update_20050916213723.log
Action: install
Finished successfully
```

4 Uninstalling Updates

This section describes how to uninstall Fix Packs and interim fixes.

4.1 Unpacking the Update Installer

The all necessary uninstall information is stored to the product directory under the **update** sub-directory. You don't need the original update package in order to uninstall it. So download the latest update installer and un-tar it:

```
>tar xvf ITCAM6_UpdateInstaller.tar
```

```
silentUpdate.bat  
silentUpdate.properties  
silentUpdate.sh  
update.jar
```

4.2 Preparing Environment

Before running the update installer you should login as root (Administrator) or owner of the product directory. Then update the environment as below.

The update installer requires the Java Runtime Environment version 1.3.1 or higher. Either include the java command into PATH or define the JAVA_HOME environment variable to point to the Java Runtime Environment home directory.

For example, on UNIX or Linux, run:

```
JAVA_HOME=/opt/WebSphere/AppServer/java  
export JAVA_HOME
```

4.3 Updating the Response File

The update installer is non-interactive silent installer that works based on the response file. The default name of the response file is silentUpdate.properties and it is supplied with the update installer. Update the response file as follows:

- Set the **product.location** property with the correct product location directory.
- Optionally, if the *.update files are not in default ./updates directory, then set the **updates.loction** property with the directory that contains the *.update files.
- If the Visual Engine was not installed to the Managing Server runtime to be updated then set the **updateVe** property to false. Otherwise uncomment and set the **updateVe.wasHome** property with WAS_HOME of the Visual Engine application server.

Note: the response file is Java Properties file. Any backward-slashes should be doubled, for example:

product.location=C:\\Program Files\\IBM\\WSAM

4.4 Preparing Uninstallation

To reduce the application server or Managing Server down-time the update installer allows to prepare uninstallation while the product is running. This steps is optional but is recommended.

In order to prepare uninstallation change to the directory where the update installer scripts are stored and run the following command:

Windows:

```
silentUpdate.bat -prepareUninstall
```

UNIX or Linux:

```
./silentUpdate.sh -prepareUninstall
```

If your response file is named differently then the default silentUpdate.properties then specify it as a parameter:

Windows:

```
silentUpdate.bat -prepareUninstall my.properties
```

UNIX or Linux:

```
./silentUpdate.sh -prepareUninstall my.properties
```

A typical output of the -prepareUninstall command is:

```
>./silentUpdate.sh -prepareUninstall
Update installer version 6.0.0.0
Logging details into
/opt/IBM/itcam/WebSphere/MS/logs/update/update_20050916213723.log
Action: prepare uninstall
Finished successfully
```

4.5 Uninstalling

It is recommended that you run the -prepareUninstall command before uninstalling the update, see the previous section for details.

Before uninstalling the update you should stop the product that you will update, i.e. the application server being monitored or the Managing Server components.

After you stopped the product change to the directory where the update installer scripts are stored and run the following command:

Windows:

```
silentUpdate.bat -uninstall
```

UNIX or Linux:

```
./silentUpdate.sh -uninstall
```

If your response file is named differently then the default silentUpdate.properties then specify it as a parameter:

Windows:

```
silentUpdate.bat -uninstall my.properties
```

UNIX or Linux:

```
./silentUpdate.sh -uninstall my.properties
```

A typical output of the -uninstall command is:

```
>./silentUpdate.sh -uninstall
Update installer version 6.0.0.0
Logging details into
/opt/IBM/itcam/WebSphere/MS/logs/update/update_20050916213723.log
Action: uninstall
Finished successfully
```