

# 6 - Upgrading calIntegrator

Directions are given on this page for upgrading calIntegrator from 1.3 to 1.4 or from 1.4 to 1.4.2 . This page includes the following topics:

- [Upgrading calIntegrator 1.3 to 1.4](#)
  - [Overview of Properties Files](#)
  - [Upgrading calIntegrator to v.1.4 Using the GUI Installer](#)
  - [Upgrading calIntegrator to v. 1.4 Using the Command-Line Installer](#)
- [Upgrading to calIntegrator 1.4.2](#)
  - [Overview of Properties Files](#)
  - [Upgrading calIntegrator to v.1.4.2 Using the GUI Installer](#)
  - [Upgrading calIntegrator to v.1.4.2 Using the Command-Line Installer](#)

## Upgrading calIntegrator 1.3 to 1.4

This section describes how to upgrade your product from calIntegrator 1.3 to calIntegrator 1.4. The directions in this section presume that you have a valid and functioning calIntegrator 1.3. It also assumes that Java SDK, Apache Ant and MySQL have all been successfully uploaded and installed, as described on pages [Required Software Not Included in calIntegrator](#) .

You can perform an upgrade installation of calIntegrator v.1.3 using either of these two methods:

- A GUI Installation wizard. Instructions for this method are found in [Upgrading calIntegrator Using the GUI Installer](#).
- A command-line installation. Instructions for this method are found in [Upgrading calIntegrator Using the Command-Line Installer](#).



### BEFORE YOU BEGIN

- **Important:** Backup the 1.3 database. You need to create a reliable copy of your entire calIntegrator database.
- **Important:** Backup the current installation of calIntegrator and artifacts from the original installation, such as properties files.

If you are performing a new installation, go directly to [Installing calIntegrator v.1.4 Application and Services](#).

### Overview of Properties Files

When you installed the previous version of calIntegrator 1.3, you configured the `install.properties` file. To complete the upgrade to calIntegrator 1.4, you must use some of the values from the original `install.properties` to configure values in the installer wizard GUI.

See steps 3 & 4 in [Upgrading calIntegrator Using the Command-Line Installer](#) for more information.

### Upgrading calIntegrator to v.1.4 Using the GUI Installer

For detailed information on all of the GUI installer fields, refer to the [BDA Properties page](#).

To perform an upgrade to calIntegrator 1.4 using the GUI Installation Wizard, follow these steps:

1. Because of the upgrade from JBoss4 to JBoss5 in the calIntegrator 1.4 release, two GUI installer invocations are required. The first will install the new JBoss5 in the same directory as the existing JBoss4 and the second will update the database.
2. Open the `install.properties` file for the existing 1.3 installation located at `<user home>/install-calintegrator/calintegrator_installer/install.properties` and save it as `install.properties_v1.3` to your desktop for reference during the upgrade.
3. Open a command prompt in the directory where you downloaded the `calintegrator2_gui_distribution_1.4.jar-201207171753.jar` and invoke the GUI installer using this: `java --jar calintegrator2_gui_distribution_1.4.jar-201207171753.jar`.
4. The Installation Wizard opens to facilitate the installation process. Click **Next** to proceed through the pages of the wizard, beginning with progressing past the Welcome page.
5. Review the release notes.
6. You must accept the license agreement to continue.
7. Select the **Install** installation type in step #4.
8. Select **JBoss** in step #6.
9. Configure the JBoss Server-related settings.
10. Specify the authentication type that calIntegrator is using. If you choose LDAP, configure the LDAP information: the LDAP Host Name, the LDAP Search Base, and the LDAP Search Prefix. An example of the Host Name is `ldaps://myldaphost.mydomain.com:636` .
11. Review the summary of gathered information.
12. Click **Next** to proceed through the next two pages.
13. After you click **Next** from reviewing the installation destination, the installer runs. The installation wizard displays the installation progress and completion.
14. When you are informed that the process is finished, click **Done** in the lower right corner to close the installation wizard.
15. At this point if you open your web browser to the installed instance you will see a `MySQLGrammarException` error displayed.
16. Before invoking the GUI installer again, stop the server.
17. Open a command prompt in the directory where you downloaded the `calintegrator2_gui_distribution_1.4.jar-201207171753.jar` and invoke the GUI installer using this: `java --jar calintegrator2_gui_distribution_1.4.jar-201207171753.jar`.
18. The Installation Wizard opens to facilitate the installation process. Click **Next** to proceed through the pages of the wizard, beginning with progressing past the Welcome page.
19. You must accept the license agreement to continue.

20. Select the **Upgrade** installation type in step #4.
21. Select **Everything** in step #6.
22. Configure the JBoss Server-related settings.
23. Specify the authentication type that caIntegrator is using. If you choose LDAP, configure the LDAP information: the LDAP Host Name, the LDAP Search Base, and the LDAP Search Prefix. An example of the Host Name is `ldaps://myldaphost.mydomain.com:636`.
24. Review the summary of gathered information. Review the selected upgrade installation type and the upgrade destination.
25. Click **Next** to proceed through the next two pages.
26. After you click **Next** from reviewing the installation destination, the installer runs. The installation wizard displays the installation progress and completion.
27. To verify the caIntegrator installation, open your web browser to the installed instance. The URL follows this format: `http://<jboss.server.hostname>:<jboss.server.port>/caIntegrator`. Example: `http://hostname:47210/caIntegrator` and enter **ncimanager** as the user and **changeme** as the password. Refer to the original `install.properties` for the correct `jboss.server.hostname` and `jboss.server.port` values.
28. Once the update is verified you can delete the JBOSS4 directory.

## Upgrading caIntegrator to v. 1.4 Using the Command-Line Installer

To perform an upgrade to caIntegrator 1.4 using the command-line, follow these steps:

1. Because of the upgrade from JBOSS4 to JBOSS5 in the caIntegrator 1.4 release, two **ant** commands are required. The first will install the new JBOSS5 in the same directory as the existing JBOSS4 and the second will update the database.
2. Open the `install.properties` file found in the `application.base.path` directory and save it to your desktop as `install.properties.v1.3.1` for reference during the upgrade.
3. Delete the `caIntegrator2-install-1.3.1.zip` file from its directory such as the `application.base.path` directory.
4. Download `caIntegrator2-install-1.4.zip` to the directory where the previous install zip file was such as the `application.base.path` directory. From the directory where you downloaded the install zip file, extract the files, using one of these two methods:
  - a. Open a command prompt and use it to extract this file. For example, you may enter a command such as `unzip -q caIntegrator2-install-1.4.zip`. You must have a ZIP tool installed.
  - b. Use WinZip or a similar utility to unzip the files.
5. When asked if you would like to replace the existing files, respond All.
6. Open the `install.properties` file and replace all `REPLACE_VALUE` properties with the values in the `install.properties.v1.3.1` file. Before doing so, review [Working with Properties Files](#). For the latest details about configuring the properties for your updated environment, refer to the [BDA Properties page](#).
7. In the `DATABASE SETTINGS` section of the `install.properties` file replace `database.re-create=true` with `database.re-create=false`. In the `DATABASE SETTINGS` section of the `install.properties` file add the property and value `exclude.database=true`.
8. Save this file to your desktop as `install.properties.v1.4step1`. Save this file to your desktop a second time, this time as `install.properties`. Upload the `install.properties` file to the `application.base.path` directory.



### Modifying property values

You shouldn't need to modify the other default values as we have chosen unique ports to reduce the risk of other applications using the same values. However, be sure to check the `*.properties` file to verify that the ports in this file are not being used by other applications.

9. From the command line, navigate to the directory where you unzipped the installer file and type **ant**. This is the first of two **ant** commands. The anticipated duration is anywhere 1-15 minutes depending on your system's speed, power and memory.
10. When the installer detects that a database exists, it warns you to back it up, which you were instructed to do earlier in this process. Press **Y** to proceed.
11. If you open the application now in a browser window you will see a `MYSQLGrammarException` error.
12. Stop the server.
13. Open the `install.properties` file and revert `database.re-create=false` back to `database.re-create=true`. Delete the property and value `exclude.database=true`.
14. Save this file to your desktop as `install.properties.v1.4step2`. Save this file to your desktop a second time, this time as `install.properties`. Upload the `install.properties` file to the `application.base.path` directory.
15. From the command line, navigate to the directory where you unzipped the installer file and type **ant upgrade:database**
16. Restart the server.
17. To verify caIntegrator installation, open your web browser to the installed instance. The URL follows this format: `http://<jboss.server.hostname>:<jboss.server.port>/caIntegrator/workspace.action`. Example: `http://hostname:47210/caIntegrator/workspace.action` and enter **ncimanager** as the user and **changeme** as the password. Refer to the original `install.properties` for the correct `jboss.server.hostname` and `jboss.server.port` values.
18. Once the update is verified you can delete the JBOSS4 directory.

## Upgrading to caIntegrator 1.4.2

This section describes how to upgrade your product from caIntegrator 1.4 or 1.4.1 to caIntegrator 1.4.2. The directions in this section presume that you have a valid and functioning caIntegrator 1.4 or caIntegrator 1.4.1. It also assumes that Java SDK, Apache Ant and MySQL have all been successfully uploaded and installed, as described on pages [Required Software Not Included in caIntegrator](#). For upgrading from version 1.4 to 1.4.2, simply use the caIntegrator updater, described in the following sections.

You can perform an upgrade installation of caIntegrator to v.1.4.2 using either of these two methods:

- A GUI Installation wizard. Instructions for this method are found in [Upgrading caIntegrator to v.1.4.2 Using the GUI Installer](#).
- A command-line installation. Instructions for this method are found in [Upgrading caIntegrator to v.1.4.2 Using the Command-Line Installer](#).



## BEFORE YOU BEGIN

- **Important:** Backup the database. You need to create a reliable copy of your entire calIntegrator database.
- **Important:** Backup the current installation of calIntegrator and artifacts from the original installation, such as properties files.

If you are performing a new installation, go directly to [Installing calIntegrator v.1.4 or 1.4.2 Application and Services](#).

## Overview of Properties Files

When you installed the previous version of calIntegrator 1.4 or 1.4.1, you configured the `install.properties` file. To complete the upgrade to calIntegrator 1.4.2, you must use some of the values from the original `install.properties` to configure values in the installer wizard GUI.

See steps 3 & 4 in [Upgrading calIntegrator to v.1.4.2 Using the Command-Line Installer](#) for more information.

## Upgrading calIntegrator to v.1.4.2 Using the GUI Installer

For detailed information on all of the GUI installer fields, refer to the [BDA Properties page](#).

To perform an upgrade to calIntegrator 1.4.2 using the GUI Installation Wizard, follow these steps:

1. Open the `install.properties` file for the existing 1.4 installation located at `<user home>/calIntegrator-installer/install.properties` and save it as `install.properties_v1.4.2` to your desktop for reference during the upgrade.
2. Open a command prompt in the directory where you downloaded the `calIntegrator_gui_distribution_1.4.2.jar` and invoke the GUI installer using this: `java --jar calIntegrator_gui_distribution_1.4.2.jar`.
3. The Installation Wizard opens to facilitate the installation process. Click **Next** to proceed through the pages of the wizard, beginning with progressing past the Welcome page.
4. Review the release notes.
5. You must accept the license agreement to continue.
  - a. Select the **Upgrade** installation type in step #4.
  - b. Select **Everything** in step #6.
6. Configure the JBoss Server-related settings.
7. Specify the authentication type that calIntegrator is using. If you choose LDAP, configure the LDAP information: the LDAP Host Name, the LDAP Search Base, and the LDAP Search Prefix. An example of the Host Name is `ldaps://myldaphost.mydomain.com:636`.
8. Review the summary of gathered information. Review the selected upgrade installation type and the upgrade destination.
9. Click **Next** to proceed through the next two pages.
10. After you click **Next** from reviewing the installation destination, the installer runs. The installation wizard displays the installation progress and completion.
11. To verify the calIntegrator installation, open your web browser to the installed instance. The URL follows this format: `http://<jboss.server.hostname>:<jboss.server.port>/calIntegrator`. Example: `http://hostname:47210/calIntegrator` and enter **ncimanager** as the user and **changeme** as the password. Refer to the original `install.properties` for the correct `jboss.server.hostname` and `jboss.server.port` values.

## Upgrading calIntegrator to v.1.4.2 Using the Command-Line Installer

To perform an upgrade to calIntegrator 1.4.2 using the command-line, follow these steps:

1. Open the `install.properties` file found in the `application.base.path` directory and save it to your desktop as `install.properties_v1.4.2` for reference during the upgrade.
2. Download `calIntegrator-upgrade-1.4.2.zip` to the directory where the previous install zip file was such as the `application.base.path` directory. From the directory where you downloaded the install zip file, extract the files, using one of these two methods:
  - a. Open a command prompt and use it to extract this file. For example, you may enter a command such as `unzip -q calIntegrator-upgrade-1.4.2.zip`. You must have a ZIP tool installed.
  - b. Use WinZip or a similar utility to unzip the files.
3. When asked if you would like to replace the existing files, respond All.
4. Open the `upgrade.properties` file and replace all `REPLACE_VALUE` properties with the values in the `install.properties_v1.4.2` file. Before doing so, review [Working with Properties Files](#). For the latest details about configuring the properties for your updated environment, refer to the [BDA Properties page](#).
5. Save this file to your desktop as `upgrade.properties`. Upload the `upgrade.properties` file to the `application.base.path` directory.



### Modifying property values

You shouldn't need to modify the other default values as we have chosen unique ports to reduce the risk of other applications using the same values. However, be sure to check the `*.properties` file to verify that the ports in this file are not being used by other applications.

6. From the command line, navigate to the directory where you unzipped the installer file and type **ant**. The anticipated duration is anywhere 1-15 minutes depending on your system's speed, power and memory.
7. When the installer detects that a database exists, it warns you to back it up, which you were instructed to do earlier in this process. Press **Y** to proceed.

8. To verify caintegrator installation, open your web browser to the installed instance. The URL follows this format: `http://<jboss.server.hostname>:<jboss.server.port>/caintegrator /workspace.action`. Example: <http://hostname:47210/caintegrator/workspace.action> and enter **ncimanager** as the user and **changeme** as the password. Refer to the original `install.properties` for the correct `jboss.server.hostname` and `jboss.server.port` values.