

# Setting the JBOSS\_HOME Environment Variable

# Table of Contents

The [app]` Platform` (') is built on top of the [app]`JBoss Application Server (JBoss AS). You do not need to set the `JBOSS_HOME` environment variable to run any of the [app]` Platform` servers unless `JBOSS_HOME` is already set.

The best way to know for sure whether `JBOSS_HOME` was set previously or not is to perform a simple check which may save you time and frustration.

#### Checking to See If `JBOSS_HOME` is Set on Unix

At the command line, `echo $JBOSS_HOME` to see if it is currently defined in your environment:

```
~]$ echo $JBOSS_HOME
```

The [app]` Platform` and most Restcomm SIP Servlets servers are built on top of the `JBoss Application Server (JBoss AS)`. When the [app]` Platform` or Restcomm SIP Servlets servers are built *from source*, then `JBOSS_HOME` *must* be set, because the Restcomm SIP Servlets files are installed into (or “over top of” if you prefer) a clean `JBoss AS` installation, and the build process assumes that the location pointed to by the `JBOSS_HOME` environment variable at the time of building is the `JBoss AS` installation into which you want it to install the Restcomm SIP Servlets files.

This guide does not detail building the [app]` Platform` or any Restcomm SIP Servlets servers from source. It is nevertheless useful to understand the role played by `JBoss AS` and `JBOSS_HOME` in the Restcomm SIP Servlets ecosystem.

The immediately-following section considers whether you need to set `JBOSS_HOME` at all and, if so, when. The subsequent sections detail how to set `JBOSS_HOME` on Unix and Windows



Even if you fall into the category below of *not needing* to set `JBOSS_HOME`, you may want to for various reasons anyway. Also, even if you are instructed that you do *not need* to set `JBOSS_HOME`, it is good practice nonetheless to check and make sure that `JBOSS_HOME` actually *isn't* set or defined on your system for some reason. This can save you both time and frustration.

You *DO NOT NEED* to set `JBOSS_HOME` if...

- ...you have installed the [app]` Platform` binary distribution.
- ...you have installed a Restcomm SIP Servlets server binary distribution *which bundles* `JBoss AS`.

You *MUST* set `JBOSS_HOME` if...

- ...you are installing the [app]` Platform` or any of the Restcomm SIP Servlets servers *from source*.
- ...you are installing the [app]` Platform` binary distribution, or one of the Restcomm SIP Servlets server binary distributions, which *do not* bundle `JBoss AS`.

Naturally, if you installed the [app]` Platform` or one of the Restcomm SIP Servlets server binary releases which *do not* bundle `JBoss AS`, yet requires it to run, then you should [install JBoss AS](#) before setting `JBOSS_HOME` or proceeding with anything else.

### Setting the JBOSS\_HOME Environment Variable on Unix

The **JBOSS\_HOME** environment variable must point to the directory which contains all of the files for the [app]` Platform` or individual Restcomm SIP Servlets server that you installed. As another hint, this topmost directory contains a *bin* subdirectory.

Setting **JBOSS\_HOME** in your personal `~/.bashrc` startup script carries the advantage of retaining effect over reboots. Each time you log in, the environment variable is sure to be set for you, as a user. On Unix, it is possible to set **JBOSS\_HOME** as a system-wide environment variable, by defining it in `/etc/bashrc`, but this method is neither recommended nor detailed in these instructions.

#### Procedure: To Set JBOSS\_HOME on Unix...

1. Open the `~/.bashrc` startup script, which is a hidden file in your home directory, in a text editor, and insert the following line on its own line while substituting for the actual install location on your system:

```
export JBOSS_HOME="/home/<username>/<path>/<to>/<install_directory>"
```

2. Save and close the `.bashrc` startup script.
3. You should **source** the `.bashrc` script to force your change to take effect, so that **JBOSS\_HOME** becomes set for the current session [1: Note that any other terminals which were opened prior to your having altered `.bashrc` will need to source `~/.bashrc` as well should they require access to **JBOSS\_HOME**.].

```
~]$ source ~/.bashrc
```

4. Finally, ensure that **JBOSS\_HOME** is set in the current session, and actually points to the correct location:



The command line usage below is based upon a binary installation of the [app]` Platform`. In this sample output, **JBOSS\_HOME** has been set correctly to the **topmost\_directory** of the installation. Note that if you are installing one of the standalone [app] servers (with JBoss AS bundled!), then **JBOSS\_HOME** would point to the **topmost\_directory** of your server installation.

```
~]$ echo $JBOSS_HOME
/home/silas/
```

### Setting the JBOSS\_HOME Environment Variable on Windows

The **JBOSS\_HOME** environment variable must point to the directory which contains all of the files for the Restcomm SIP Servlets Platform or individual Restcomm SIP Servlets server that you installed. As another hint, this topmost directory contains a *bin* subdirectory.

For information on how to set environment variables in recent versions of Windows, refer to <http://support.microsoft.com/kb/931715>.