

Installing Restcomm JAIN SLEE

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# Pre-Install Requirements and Prerequisites

Ensure that the following requirements have been met before continuing with the install.

## Hardware Requirements

### *Sufficient Disk Space*

Once unzipped, the Restcomm JAIN SLEE binary release requires *at least* 500MB of free disk space. Keep in mind that disk space requirements may change from release to release.

### *Anything Java Itself Will Run On*

The Restcomm JAIN SLEE container, and bundled JAIN SLEE components are 100% java. The JAIN SLEE will run on the same hardware that the JBoss Application Server runs on, but it is recommended at least 2GB or 4GB of RAM memory, for 32 or 64 bit Operating Systems.

## Software Prerequisites

### *JDK 6*

A working installation of the Java Development Kit () version 6 is required in order to run the Restcomm JAIN SLEE. Note that the JBoss Application Server is a runtime dependency, but comes bundled with the binary distribution. For instructions on how to install the JDK, refer to [\[jdk\\_installing\\_configuring\\_and\\_running\]](#)

## Install Alternatives

### *Binary Release*

The binary release is a zip file containing an already built binary release of Restcomm JAIN SLEE

### *Release Source Building*

As an alternative to the binary release, it is possible to download a specific release source code and build a binary from it.

### *Master Source Building*

Similar as the Release Source Building, but done on the master (current development) source code.

### *Binary Release Snapshot*

The binary release snapshot is a build of the master source code done daily and uploaded to a public web site.

## Binary Release

You can download the Binary zip files from <https://mobicents.ci.cloudbees.com/job/Restcomm-JAIN-SLEE-Release/lastSuccessfulBuild/artifact/release/>.

In this form of installation, simply unzip the downloaded zip file to the directory of your choice on any operating system that supports the zip format.

### 1. Unzip the release file

Unzip the file to extract the archive contents into the location of your choice. You can do this using the JDK jar tool (or any other ZIP extraction tool). In the example below we are assuming you downloaded the zip file was named `restcomm-jainslee-2.8.0-SNAPSHOT.zip` to the `/restcomm` directory.

```
[usr]$ cd /restcomm
[usr]$ jar -xvf restcomm-jainslee.zip
```

### 2. Setting up JBOSS\_HOME Environment Variable

You should now have a directory called `restcomm-jainslee-2.8.0-SNAPSHOT`. Next you need to set your `JBOSS_HOME` environment variables. This is discussed in [\[jboss\\_home\\_setup\]](#).

## Binary Release Snapshot

You can download the Binary Snapshot zip files from <https://github.com/RestComm/jain-slee/releases/latest>. The installation is similar to the [\[binary\\_release\]](#) one.

## Release Source Building

### 1. Downloading the source code



Git is used to manage Restcomm JAIN SLEE source code. Instructions for downloading, installing and using Git can be found at <http://git-scm.com/>

Use Git to checkout the specific release source, the Git repository URL is <https://github.com/RestComm/jain-slee/>, then switch to the specific release version, lets consider 2.8.0-SNAPSHOT.

```
[usr]$ git clone https://github.com/RestComm/jain-slee restcomm-jain-slee-release
[usr]$ cd restcomm-jain-slee-release
[usr]$ git checkout tags/
[usr]$ cd release
```

### 2. Building the source code



Apache Ant 1.6 (or higher) and Maven 2.0.9 (or higher) is used to build the release. Instructions for using Ant and Maven2, including install, can be found at <http://ant.apache.org> and <http://maven.apache.org>

Use Ant to build the binary.

```
[usr]$ ant
```

Once the process finishes you should have a `restcomm-jainslee-2.8.0-SNAPSHOT.zip` file, installation is the same as for [\[binary\\_release\]](#).

## 2.x Branch Source Building

Similar process as for [\[release\\_source\\_building\]](#), the only change is the Git reference should be the `2.x`. The `git checkout tags/2.8.0-SNAPSHOT` command should not be performed. If already performed, the following should be used in order to switch back to the 2.x branch:

```
[usr]$ git checkout 2.x
```

## Master Source Building

Similar process as for [\[release\\_source\\_building\]](#), the only change is the Git reference should be the `master`. The `git checkout tags/2.8.0-SNAPSHOT` command should not be performed. If already performed, the following should be used in order to switch back to the master:

```
[usr]$ git checkout master
```

## Uninstall Restcomm JAIN SLEE

To uninstall simply delete the directory containing Restcomm JAIN SLEE.