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# **puppet-jenkins Documentation**

*Release 1.0*

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puppet-jenkins is a reusable puppet module for ubuntu servers that allows you to both install and uninstall the Jenkins Continuous Integration and Deployment Server.

Using puppet-jenkins is easy, and takes about 2 minutes to get up and running.



## Installation

Installing puppet-jenkins is easy. You have a few options:

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**Note:** puppet-jenkins is only meant for use with ubuntu systems. If you are managing non-ubuntu systems via puppet, ensure that puppet-jenkins is not installed on those nodes.

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### 1. Install From Git

To install via Git, all you need to do is clone a copy of the puppet-jenkins repository like so:

```
git clone git://github.com/rdegges/puppet-jenkins.git jenkins
```

That will clone puppet-jenkins into a folder named `jenkins`. Then you can simply copy that file over to your puppet module directory, usually:

```
cp -R jenkins /etc/puppet/modules/
```

### 2. Install as a Git Submodule

If your puppet server is managed via Git itself, you may want to install puppet-jenkins as a Git submodule, so that you can pull in future updates.

Assuming that your puppet Git repo is setup as follows:

```
puppet/.git  
puppet/modules/...
```

You can simply run the following command from within the puppet directory:

```
git submodule add git://github.com/rdegges/puppet-jenkins.git modules/jenkins
```

Then, if you ever want to pull updates from puppet-jenkins (if there is ever a new release or whatever), you can simply run:

```
cd modules/jenkins
git fetch origin master:master
git checkout master
git pull
cd ../../
git add modules/jenkins
git commit -m "updating puppet-jenkins to latest version"
```

### 3. Install From Tarball

Lastly, if you want to avoid using Git at all, you can, of course, simply download the puppet-jenkins tarball, and unzip it into your puppet server's module directory (typically `/etc/puppet/modules`).

You can download the latest version of puppet-jenkins on the [official GitHub page](#) (just click the big download button).

## Usage

### Install

Using puppet-jenkins is simple. Once it has been installed, you can add the following to a node definition to make use of the basic features:

```
node "somenode.somedomain.com" {
  ...
  include jenkins
  ...
}
```

Once your nodes have applied your new manifest, they'll have jenkins installed and running. You can then visit your new jenkins server by visiting <http://somenode.somedomain.com:8080/>.

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**Note:** By default, jenkins runs on port 8080. If you'd like your jenkins instance to be available on the standard HTTP port, take a look at the [jenkins proxying guide](#).

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### Uninstall

If you want to uninstall jenkins, you can simply add the following to your node definition:

```
node "somenode.somedomain.com" {
  ...
  include jenkins::uninstall
  ...
}
```



## FAQ

Below are some answers to frequently asked questions.

### Is puppet-jenkins Tested?

Yep! There are puppet module smoke tests defined in the `tests` subdir. You can find them [here](#). If you'd like to run the test suite, install puppet-jenkins, then run the following:

```
cd /etc/puppet/modules/jenkins/tests
for i in `find . -type f -name '*.pp'`; do puppet apply --noop $i; done
```

That will fake the various test cases.

### I Found a Bug!

Cool! Please submit an issue on the official [GitHub issue tracker](#).

### What is puppet?

An awesome tool for managing loads of servers in a reusable fashion. Check out [their website](#).