


# Maven

## Working with Marmotta and Maven

At this page you would find some useful documentation for working with such Maven and Apache Marmotta.

### Installation

First, [<http://maven.apache.org/download.html> download Maven] and follow the [installation instructions](#). After that, type the following in a terminal or in a command prompt:

```
mvn --version
```

It should print out your installed version of Maven. \*Maven 3.x is required\*.

### Working with Marmotta

#### Modifying a module

Just install it in your local repository:

```
mvn clean install
```

Hot deployment is also supported using [JRebel](#).

### Testing

```
mvn test
```

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#### Check test coverage

Using [Cobertura](#) you can perform difference check the percentage of code accessed by tests:

```
cobertura:check
```

Further details at the [Cobertura Maven plugin](#).

#### Build the site

```
mvn site
```

Alternative you can directly run it on a embeded server:

```
mvn site:run -Dport=8081
```

### IDE Integration

For the moment all the actions were performed form the command-line. But Maven is nicely supported by many IDEs:

- [Eclipse](#)
- [IntelliJ](#)
- [Netbeans](#)

## Additional documentation

### Cleaning Marmotta home directory

Any Marmotta webapp comes with a Maven profile that allows you to clean the folder that Marmotta uses to store some caches. For doing that you'd need to run:

```
mvn clean -Pcleanall
```