

# Maven installation (2.7)

The Apache Maven project management framework provides Sakai with "a set of build standards, artifact repository model and a software engine that manages and describes projects" (Better Builds, p. 22). As part of the installation process you will use Maven as a build tool in order to compile, test and deploy Sakai to a servlet container such as Apache Tomcat.

- ⚠ Maven 2.2.1 is required for performing Sakai 2.7 builds.
- 🚫 Maven 3.0 is currently NOT compatible with Sakai 2.7.

You can download Maven at

<http://maven.apache.org/download.html>

Extract the distribution archive into your installation directory of choice, e.g. `/opt/maven/apache-maven-2.2.1`. Confirm that you have installed the correct version of Maven and can start it by issuing `mvn --version` from the terminal. At this point your environment is prepared to build and deploy the Sakai source code.

```
mvn --version
```

```
Apache Maven 2.2.1 (r801777; 2009-08-06 15:16:01-0400)
Java version: 1.6.0_20
Java home: /System/Library/Frameworks/JavaVM.framework/Versions/1.6.0/Home
Default locale: en_US, platform encoding: MacRoman
OS name: "mac os x" version: "10.6.3" arch: "x86_64" Family: "mac"
```