**How To Install Apache Maven on CentOS/RHEL 8/7/6**

Written by [Rahul](https://tecadmin.net/author/myadmin/), Updated on February 17, 2020

[Apache](https://tecadmin.net/tag/apache-2/), [Apache Maven](https://tecadmin.net/tag/apache-maven/), [Maven](https://tecadmin.net/tag/maven/)

[Apache Maven](https://maven.apache.org/) is a software project management and comprehension tool. Maven can manage a project’s build, reporting, and documentation from a central piece of information. This tutorial will help you to install Apache Maven on your CentOS/RHEL 7/6/5 and Fedora 29/28/27/26/25 systems.

**Step 1 – Prerequsities**

Java development kit is the primary requirement of Apache Maven. So you need to install the Java development kit (JDK) on your system. Make sure you have installed JDK, not JRE.

**java -version**

java version "11.0.2" 2019-01-15 LTS

Java(TM) SE Runtime Environment 18.9 (build 11.0.2+9-LTS)

Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.2+9-LTS, mixed mode)

If you don’t have Java Development Kit installed on your system. Visit [Install Java 11 on CentOS/RHEL 7/6 and Fedora](https://tecadmin.net/install-oracle-java-11-lts-on-centos/)

**Step 2 – Install Apache Maven**

After verifying java version on your system. Download Apache Maven from its official website or use the following command to download Apache Maven 3.6.2.

cd /opt

wget https://www-eu.apache.org/dist/maven/maven-3/3.6.3/binaries/apache-maven-3.6.3-bin.tar.gz

Now extract downloaded archive using following command.

sudo tar xzf apache-maven-3.6.3-bin.tar.gz

sudo ln -s apache-maven-3.6.3 maven

**Step 3 – Setup Environment Variables**

As you have downloaded precompiled Apache Maven files on your system. Now set the environments variables by creating new file /etc/profile.d/maven.sh.

sudo vi /etc/profile.d/maven.sh

and add the following content.

export M2\_HOME=/opt/maven

export PATH=${M2\_HOME}/bin:${PATH}

Now load the environment variables in current shell using following command.

source /etc/profile.d/maven.sh

**Step 4 – Check Maven Version**

Apache Maven has been successfully configured on your system. Use the following command to check the version of installed Maven on your system.

mvn -version

Apache Maven 3.6.3 (40f52333136460af0dc0d7232c0dc0bcf0d9e117; 2019-08-27T15:06:16Z)

Maven home: /opt/maven

Java version: 11.0.2, vendor: Oracle Corporation, runtime: /usr/java/jdk-11.0.2

Default locale: en\_US, platform encoding: UTF-8

OS name: "linux", version: "4.18.16-300.fc29.x86\_64", arch: "amd64", family: "unix"

Finally, remove the downloaded archive file from the system to free disk space.

rm -f apache-maven-3.6.2-bin.tar.gz