Maven Installation

**Install & configure Maven build tool on Jenkins**

Maven is a code build tool which used to convert your code to an artifact. this is a widely used plugin to build in continuous integration

**Prerequisites**

Jenkins server

**Install Maven on Jenkins**

**Download maven (Google for Latest Version)**

packages <https://maven.apache.org/download.cgi> onto Jenkins server. In this case, I am using /opt/maven as my installation directory

**Install Maven under opt directory**

Link : <https://maven.apache.org/download.cgi>

**# Creating maven directory under /opt**

mkdir /opt/maven

cd /opt/maven

**# downloading maven version 3.6.0**

wget http://mirrors.estointernet.in/apache/maven/maven-3/3.6.1/binaries/apache-maven-3.6.1-bin.tar.gz

**Unzip the file using below command**

tar -xvzf apache-maven-3.6.1-bin.tar.gz

**Setup Home Path**

M2\_HOME and M2 paths in .bash\_profile of the user and add these to the path variable

vi ~/.bash\_profile

M2\_HOME=/opt/maven

M2=/opt/maven/bin

PATH=<Existing\_PATH>:$M2\_HOME:$M2

**Checkpoint**

logoff and login to check maven version

mvn --version

So far we have completed the installation of maven software to support maven plugin on the jenkins console. Let's jump onto Jenkins to complete the remaining steps.

Setup maven on **Jenkins** console

Install maven plugin without restart

Manage Jenkins > Jenkins Plugins > available > **Maven Invoker**

Manage Jenkins > Jenkins Plugins > available > **Maven Integration**

Configure maven path

Manage Jenkins > Global Tool Configuration > Maven

Name: M2\_HOME

Path: /opt/maven