**[Maven - Plugins](https://www.bing.com/ck/a?!&&p=98823b5b809401d4JmltdHM9MTcxODU4MjQwMCZpZ3VpZD0zZmM1NDU4OC0xODQwLTY0NWUtMmEzYS01MWQ2MTlhODY1MDUmaW5zaWQ9NTUwMw&ptn=3&ver=2&hsh=3&fclid=3fc54588-1840-645e-2a3a-51d619a86505&psq=maven+plugins&u=a1aHR0cHM6Ly93d3cudHV0b3JpYWxzcG9pbnQuY29tL21hdmVuL21hdmVuX3BsdWdpbnMuaHRt&ntb=1" \t "_blank)**

Maven is actually a plugin execution framework where every task is actually done by plugins. Maven Plugins are generally used to −

* create jar file
* create war file
* compile code files
* unit testing of code
* create project documentation
* create project reports

mvn [plugin-name]:[goal-name]

Ex:

mvn compiler:compile

he **maven plugins** are central part of maven framework, it is used to perform specific goal.

According to Apache Maven, there are 2 types of maven plugins.

1. Build Plugins
2. Reporting Plugins

#### Build Plugins

These plugins are executed at the time of build. These plugins should be declared inside the **<build>** element.

#### Reporting Plugins

These plugins are executed at the time of site generation. These plugins should be declared inside the **<reporting>** element.

Maven Core Plugins

A list of maven core plugins are given below:

|  |  |
| --- | --- |
| **Plugin** | **Description** |
| clean | clean up after build. |
| compiler | compiles java source code. |
| deploy | deploys the artifact to the remote repository. |
| failsafe | runs the JUnit integration tests in an isolated classloader. |
| install | installs the built artifact into the local repository. |
| resources | copies the resources to the output directory for including in the JAR. |
| site | generates a site for the current project. |
| surefire | runs the JUnit unit tests in an isolated classloader. |
| verifier | verifies the existence of certain conditions. It is useful for integration tests. |