

Maven

Use case Standalone Java Project Eclipse
Web Application Command Line
Multi module customize
Running & skipping
Adding External dependencies
configure parent & child

What is Maven?

✱ Maven Build Tool

Project Management Tool

Build

compile

Run Tests

Package jar Package war

Deploy to server.

Archetypes → Standalone
Webapp
ear

IDE
Eclipse
IntelliJ

mvn install

Why we use Maven?

common Interface

mvn clean install

XML configuration

Time consuming

dependencies.

<dependency>

<artifactId> junit.jar ...

</dependency>

Repositories.

Reuse

Plugin Model.

compiler

sunetfne

wsimport.

Product Web Application

productweb

create

display

web layer

business layer

dao layer

servlets

pojo

spring

skip test command.

mvn install -DskipTests

Scopes of Maven.

compile

runtime

provided

test-

system

import

compile

provided

build

test-

test-

run

run

seruelt-api

runtime

test-

run

test-

compile the tests

run the tests

system

JUnit-

<system path>

\$ [basedding] \.war\ WEB-INF\lib\ext-Dependency.jar.

import

pom

dependency management.

Traditional Spring.

core

mvc

dao

orm

xml

anotations

Module Availability

version compatible

Deployment.