Spring Maven Project

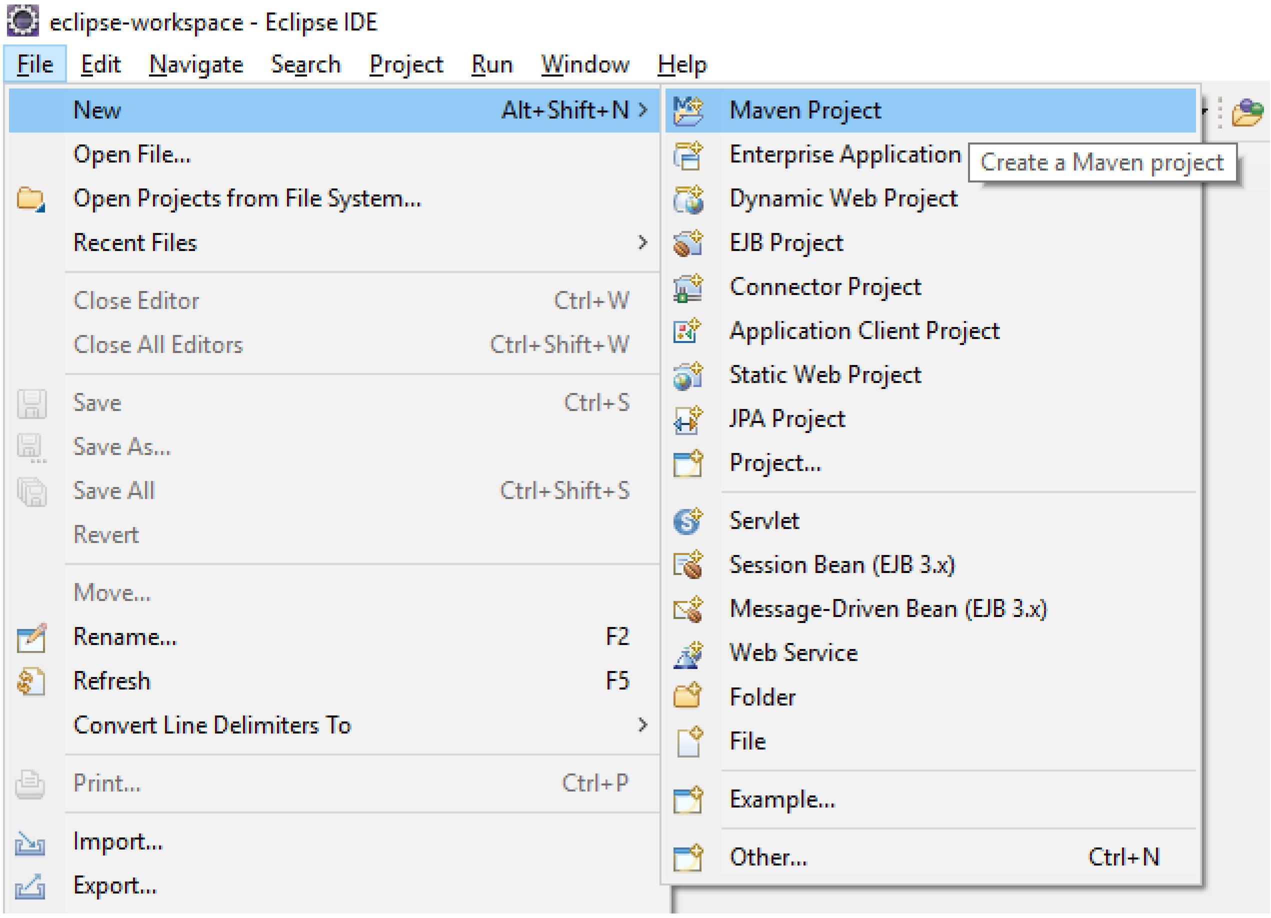
based Spring project. Maven is automation tool which acts as dependency manager for Java applications.

for Spring and installed Eclipse,Java , and Apache Tomcat Server.

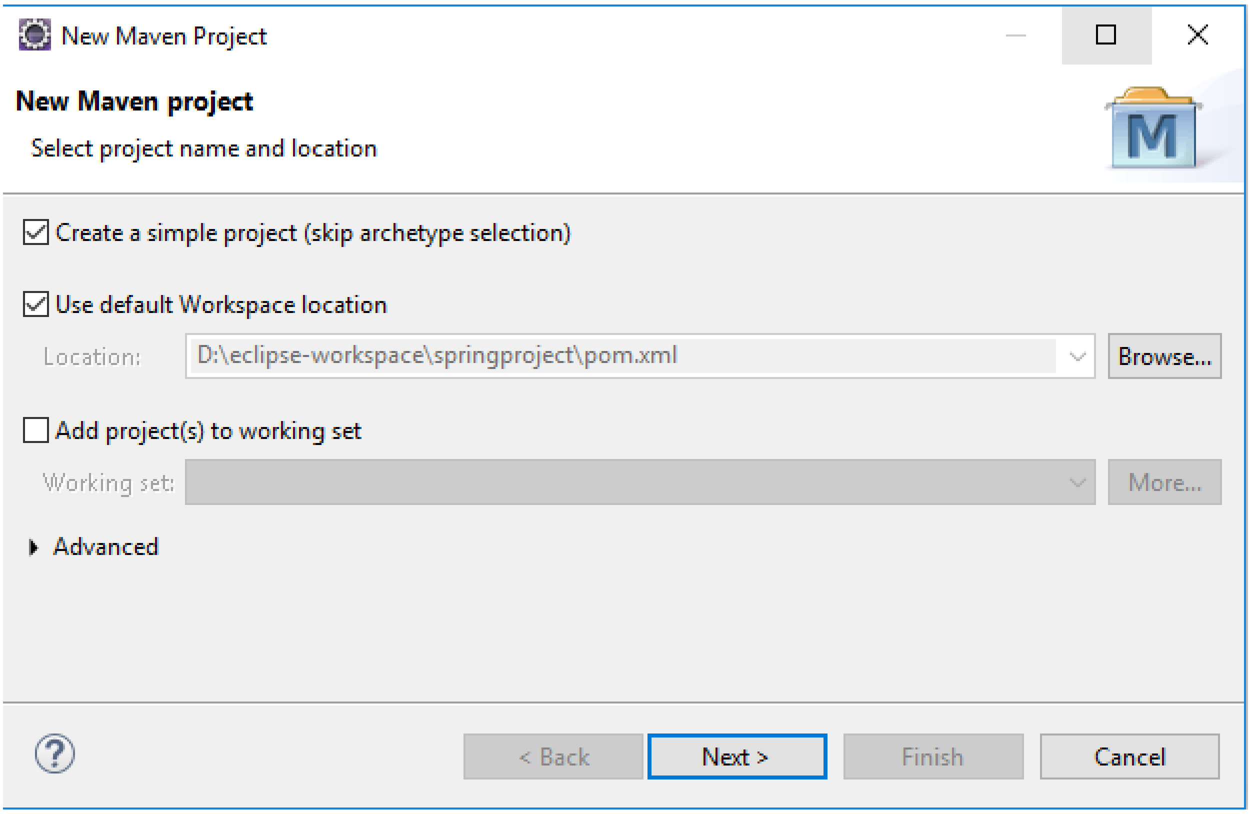
If you have not setup environment yet then we recommend you to read our **previous topic**.

Step1: Create Maven Project

Open Eclipse and clike on **File** menu and then select **New --> Maven Project** as we did in the given screenshot.



After selecting maven, it will open a window like below and will ask to select archetype. Here, we clicked on Checkbox and then **press next** button.



New Maven Project

New Maven project

Select project name and location

☑ Create a simple project (skip archetype selection)

☑ Use default Workspace location

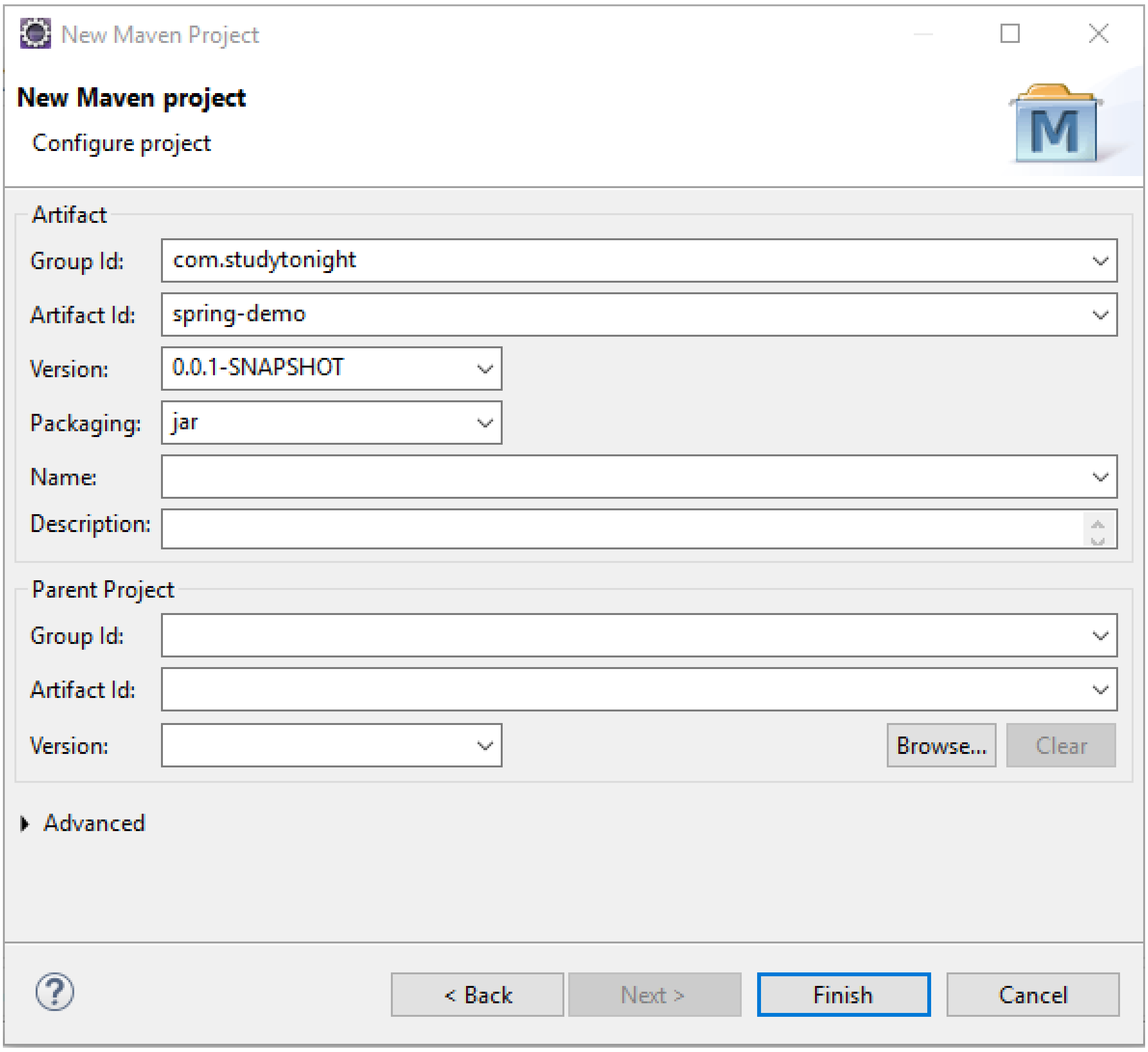
Location: D:\eclipse-workspace\springproject\pom.xml

□ Add project(s) to working set

Working set:

Step 2: Configure the Project

Set project name by providing group id and artifact id. Artifact id represents the project name, So give a meaning name for your project after that select packaging that specifies the plugin goals that are executed during each **Maven build** phase. After that **press Finish** button and your maven project is ready.



New Maven Project

New Maven project

Configure project

Artifact

Group Id: com.studytonight

Artifact Id: spring-demo

Version: 0.0.1-SNAPSHOT

Packaging: jar

Name:

Description:

Parent Project

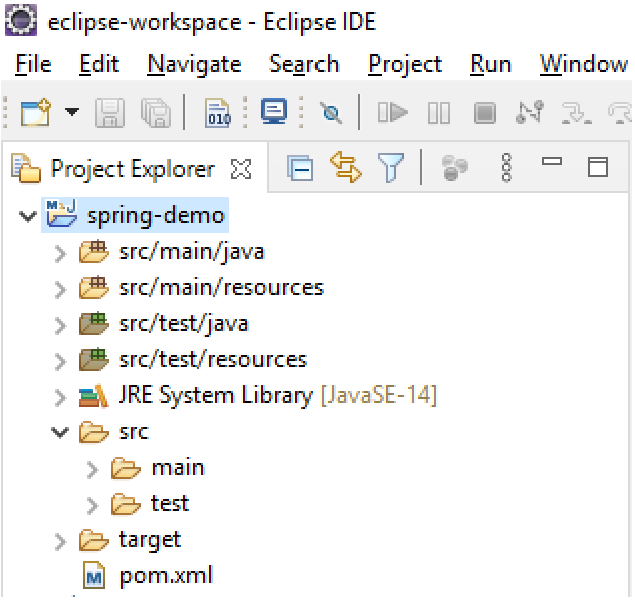
Group Id:

Artifact Id:

Version:

Maven Project Stucture

After above step, Eclipse creates a new project that look like the below screeshot. This project contains a **pom.xml** file that is used to configure maven project. We will discuss that later in our tutorial.



Fine, till here, we have created a maven based spring project successfuly. Now, **in next chapter, we will learn to create a simple hello world application** to understand the flow and structure of the application.