

# Create a maven project in Eclipse

This lesson demonstrates steps to integrate JUnit 5 with Maven.

## We'll cover the following



- What is Maven?
- Create Maven Project in Eclipse

## What is Maven? #

As per Wikipedia - Maven is a build automation tool used primarily for Java projects. Maven addresses two aspects of building software:

1. It describes how software is built.
2. It describes its dependencies.

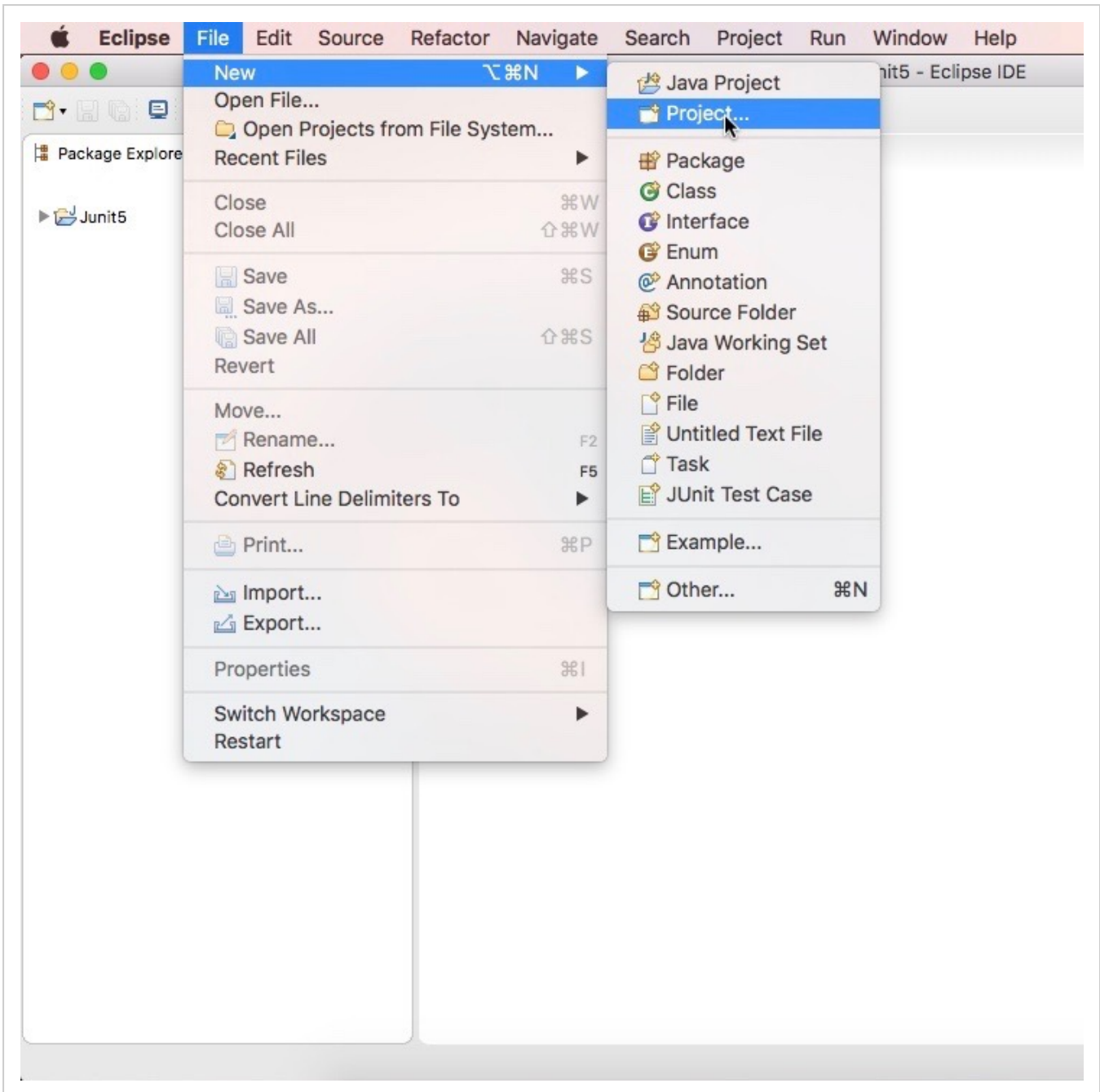
It uses an XML file, also called as pom.xml. This XML file describes the software project being built, its dependencies on other external modules and components, the build order, directories, and required plug-ins.

## Create Maven Project in Eclipse #

Let's see step by step demonstration to create a Maven project in Eclipse IDE.

**Step 1** - Launch Eclipse IDE.

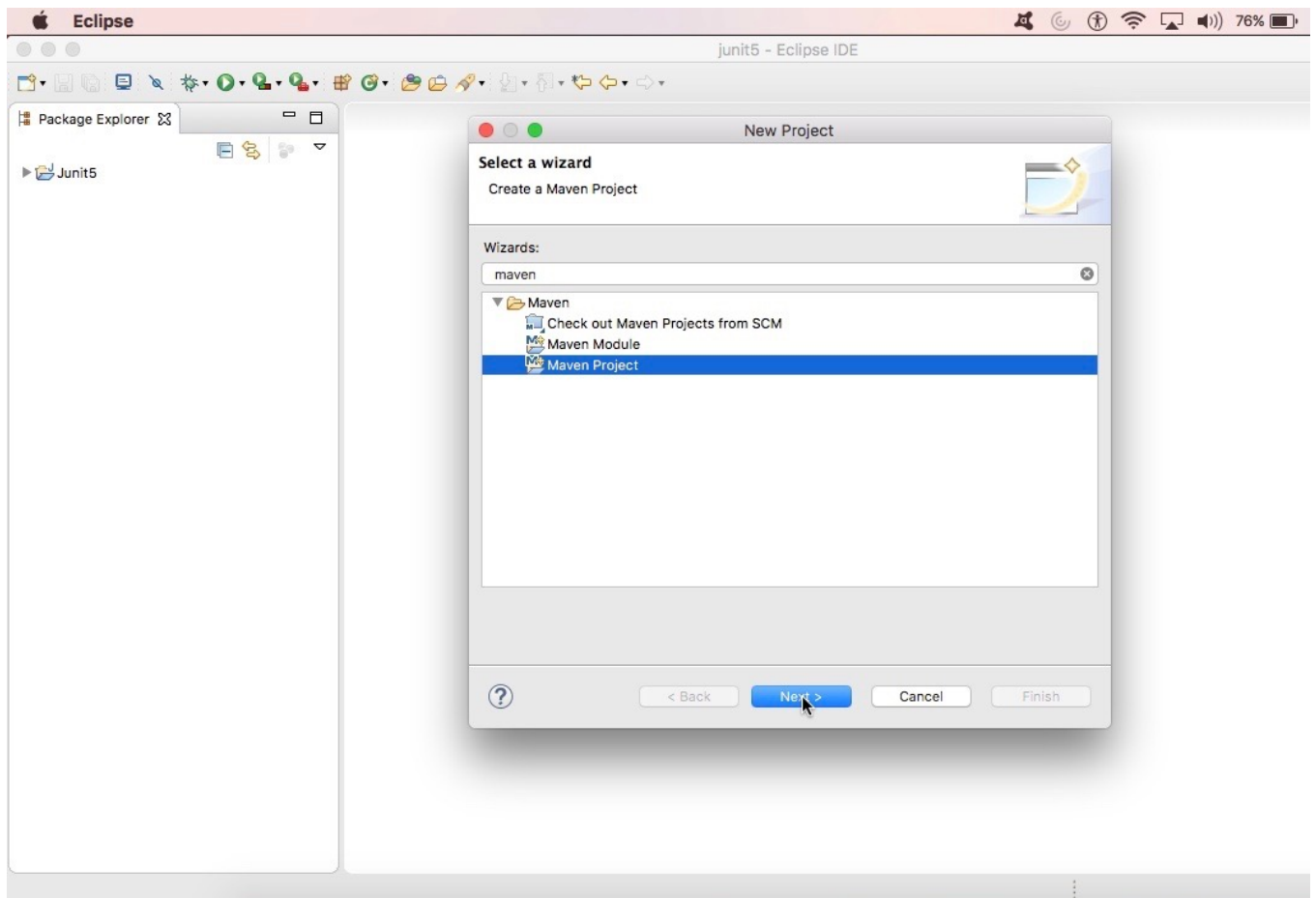
**Step 2** - Create a new Maven Project. Right click on File --> New --> Project as demonstrated in the figure below.



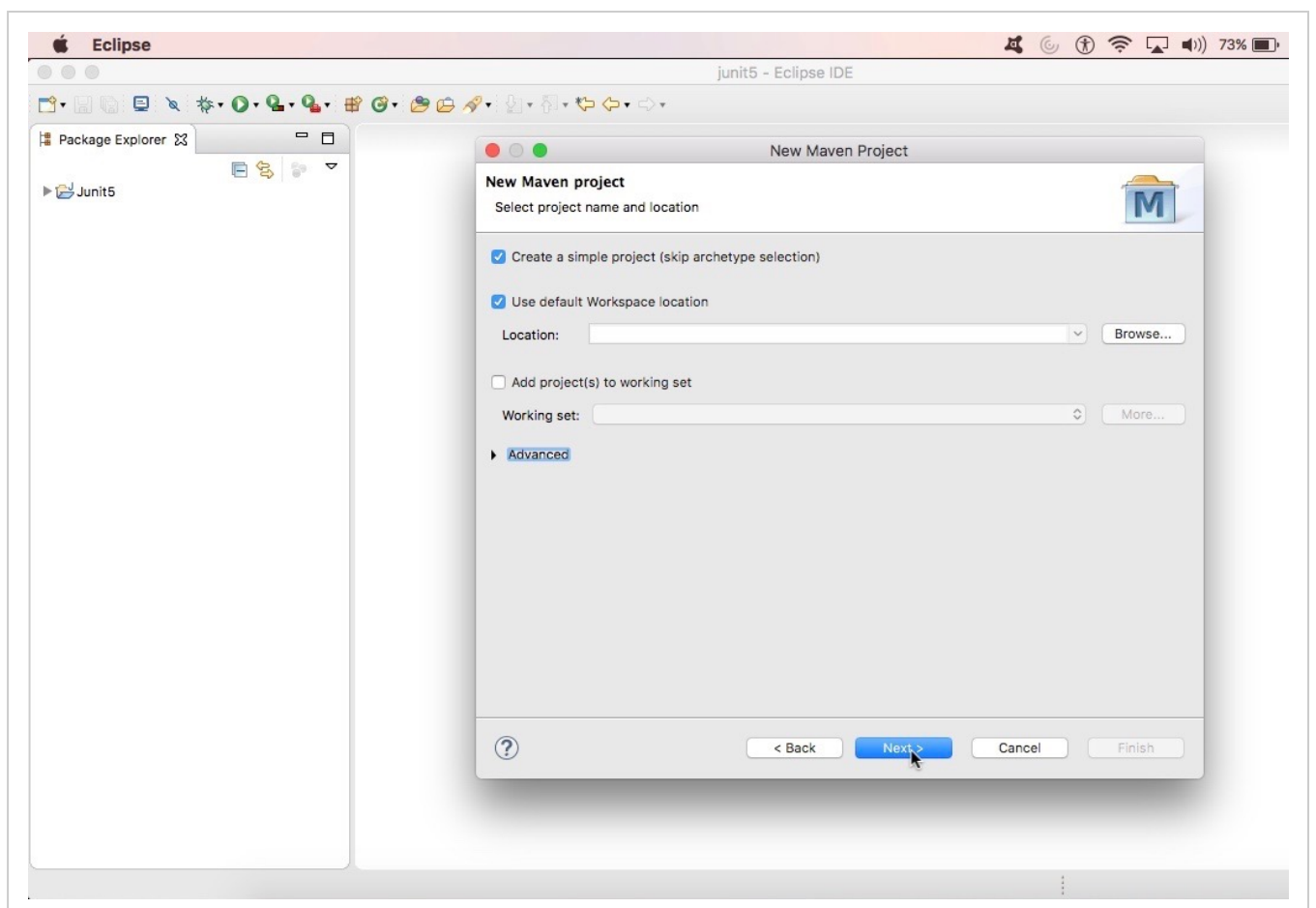
A New Project wizard will be opened. It will show various projects eclipse can create.

**Step 3** - Search for "**Maven**" in New Project Wizard.

**Step 4** - Select **Maven Project** and Click on **Next**, as demonstrated in the figure below.

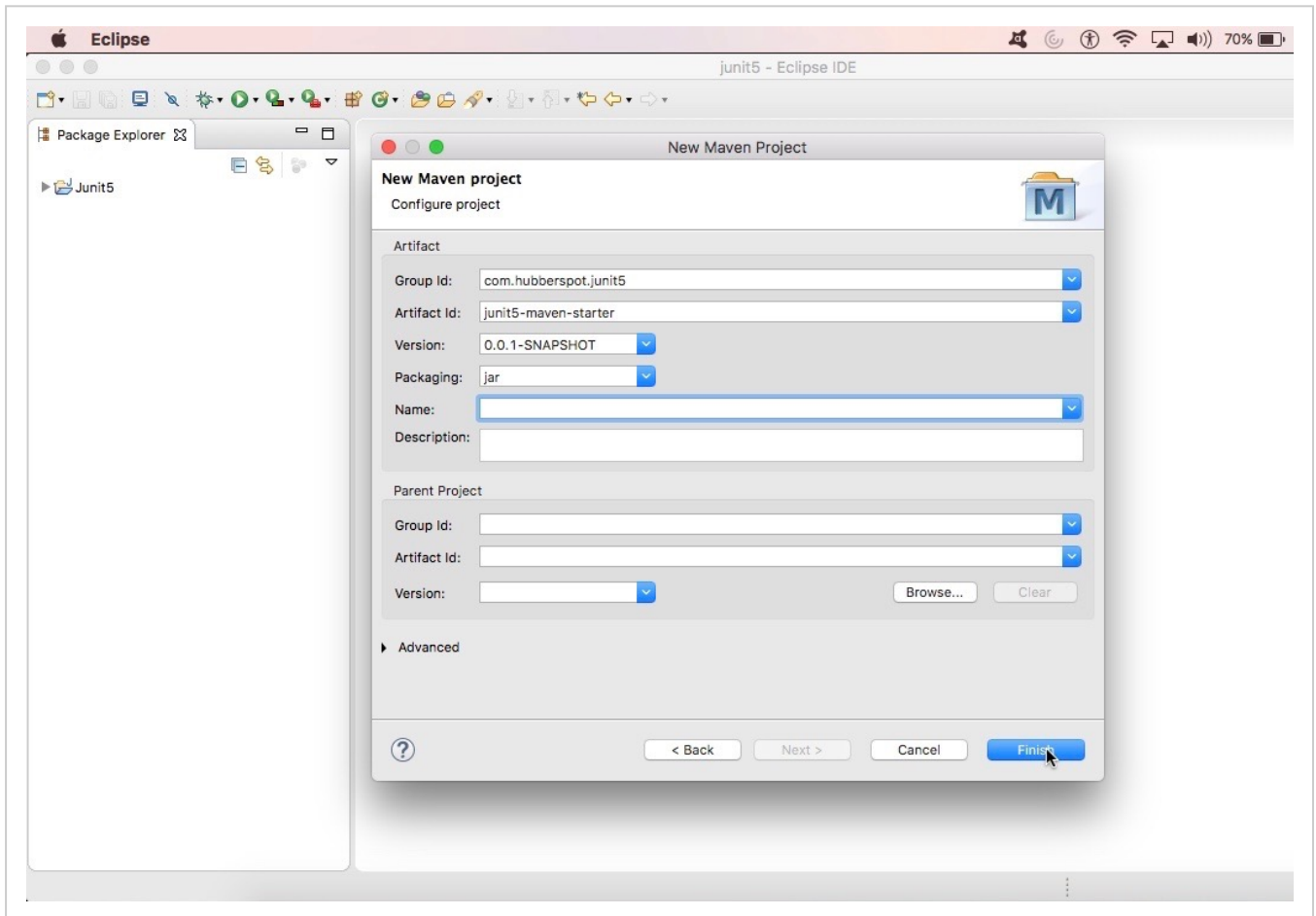


**Step 5 - Select "Create a Simple project (skip archetype selection)" and Click on **Next**, as demonstrated in the figure below.**



**Step 6 - Enter Group Id, Artifact Id and Version** of your preference or as demonstrated in the figure below.

**Step 7 - Click on Finish.**



A new Maven project by name, **junit5-maven-starter** is created in Eclipse IDE.