

RAJAT VERMA

SOFTWARE TESTING

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TUTORIAL | BUILD AUTOMATION TOOL

MAVEN

(2)- POM.XML

PROJECT STRUCTURE



<https://github.com/rajatt95>

<https://www.youtube.com/@rajatt95>



# How to create a Maven Project?



New Project

To create a general Maven project, go to the [New Project](#) page.

Name:

Location:

Project will be created in: ~/Desktop/Work/...utorial\_YT\_Rajat\_BuildAutomationTool\_Maven

☐ Create Git repository

JDK:

Catalog:  [Manage catalogs...](#)

Archetype:  [Add...](#)

Version:

Additional Properties

+ -

No properties

Advanced Settings

GroupId:

ArtifactId:

Version:



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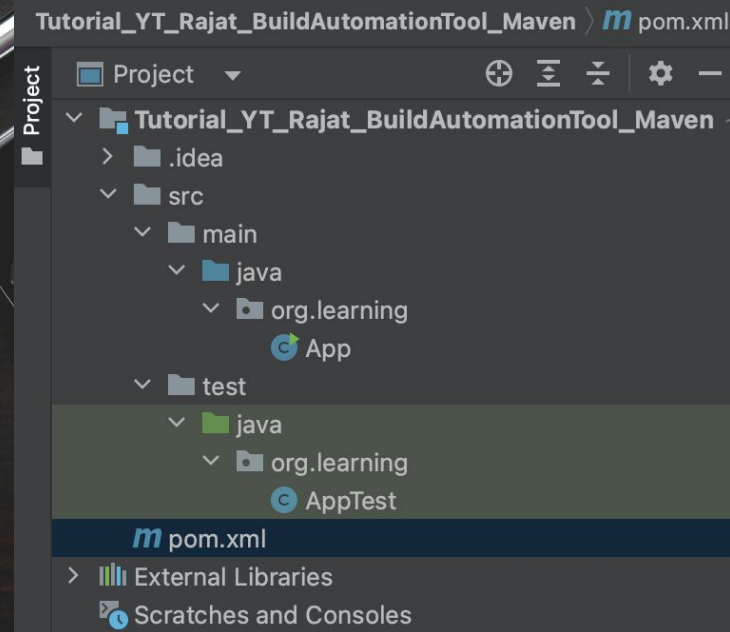
# Maven Project Folder Structure

## 1. Folders

### a. src/main/java -

#### i. Code Implementation

1. Driver Manager
2. Pages
3. Listeners
4. Extent Reports
5. Custom Exceptions
6. Utilities





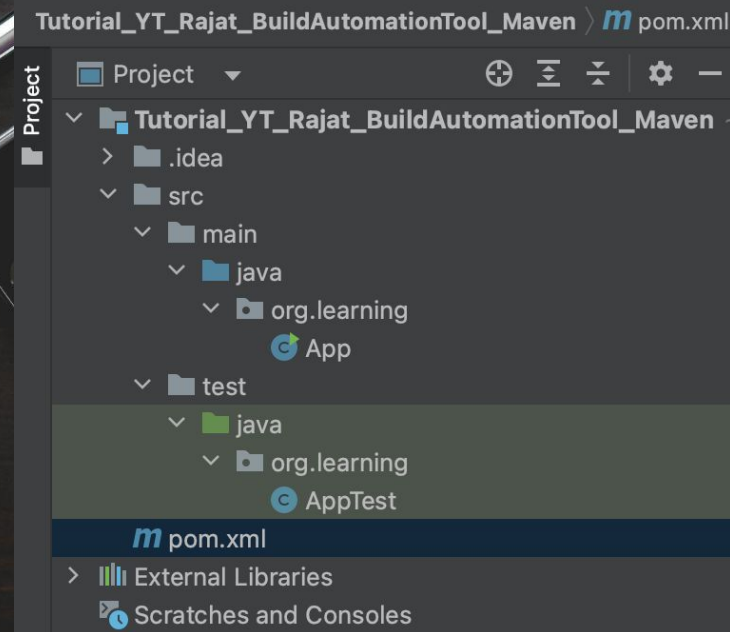
# Maven Project Folder Structure

## 1. Folders

- a. src/test/java -
  - i. Test cases
- b. src/test/resources -
  - i. Test runners
  - ii. Test data

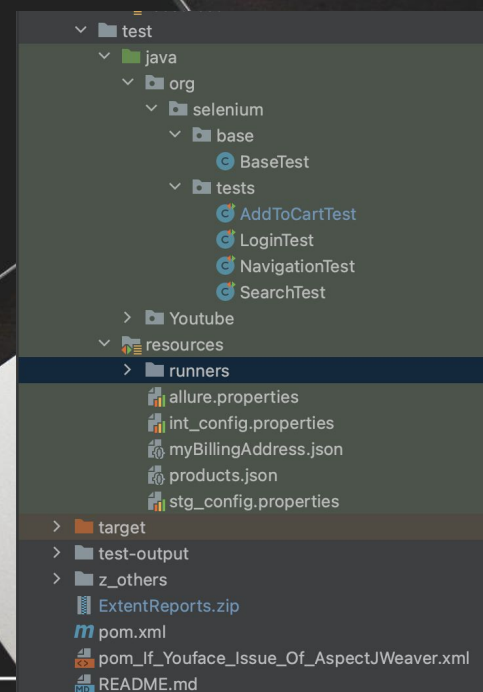
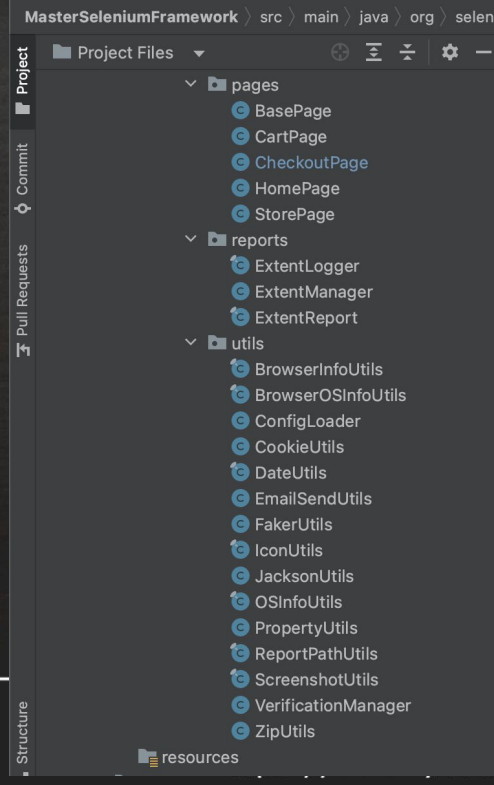
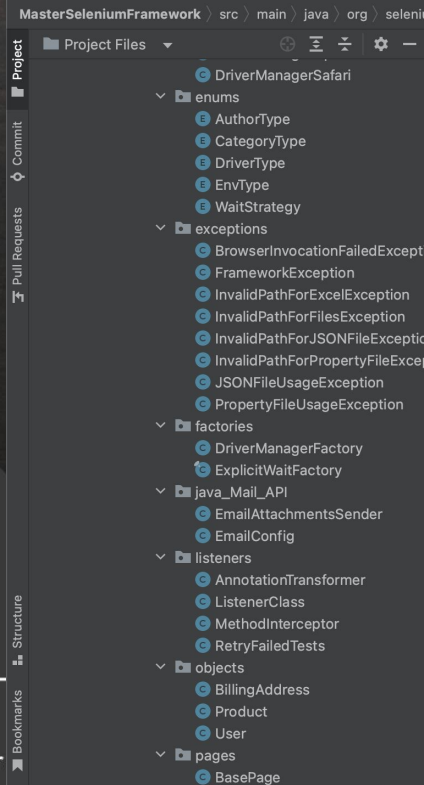
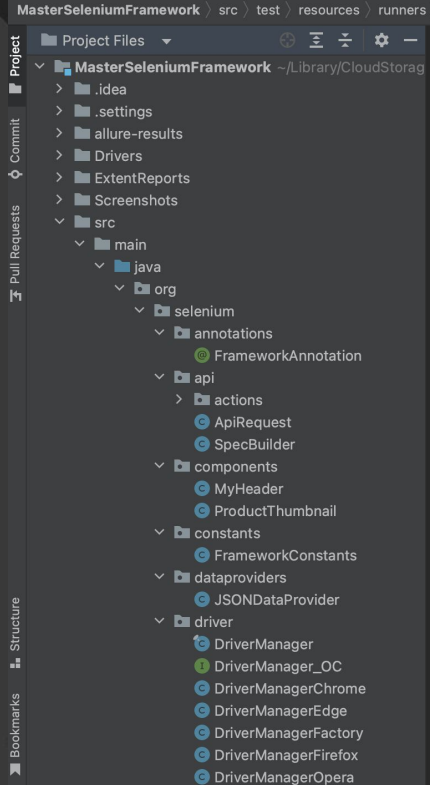
## 2. Files

- a. pom.xml





# Example - Master Selenium Framework



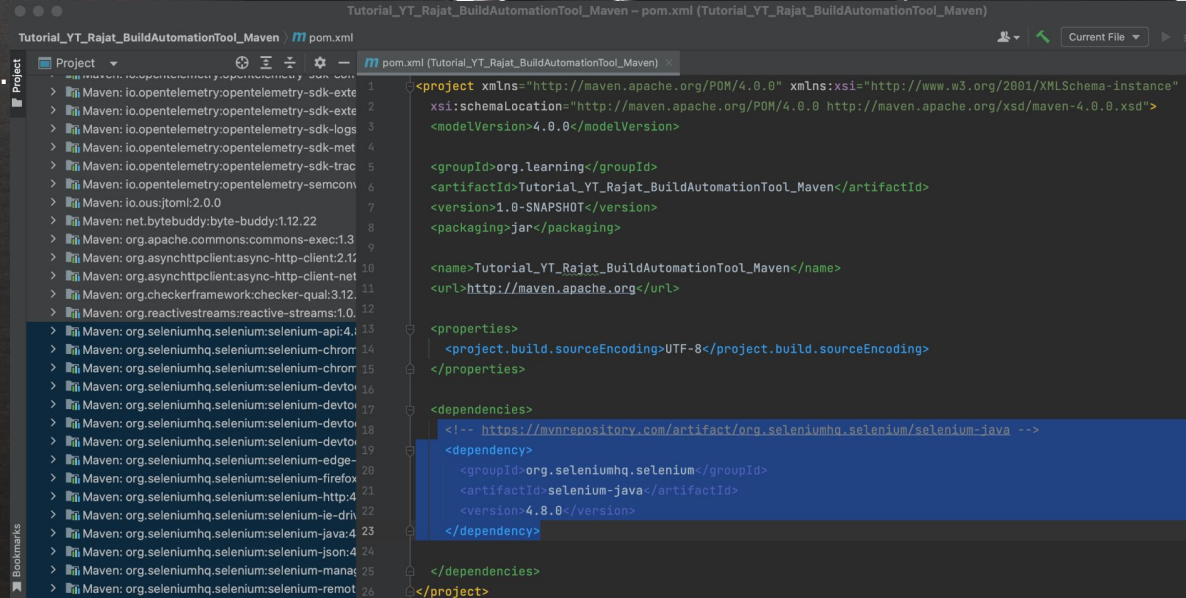
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# Pom.xml file



1. It is the fundamental unit of the entire Maven system.
2. Contents are declared in pom.xml (Project Object Model)
3. Content
  - a. Dependencies
  - b. Plugins
  - c. Profiles



1.  
<https://github.com/rajatt95>

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# Upcoming Sessions .....

1. Build Life Cycle
2. Plugins | Profiles
3. Maven commands
  - a. Execute tests



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