

## Creating a Basic Servlet Project

**.jar (Java ARchive):** A package of Java classes, libraries, and metadata bundled together for use in applications.

**.war (Web Application Archive):** A specialized archive format for web applications that includes servlets, JSP files, and resources.

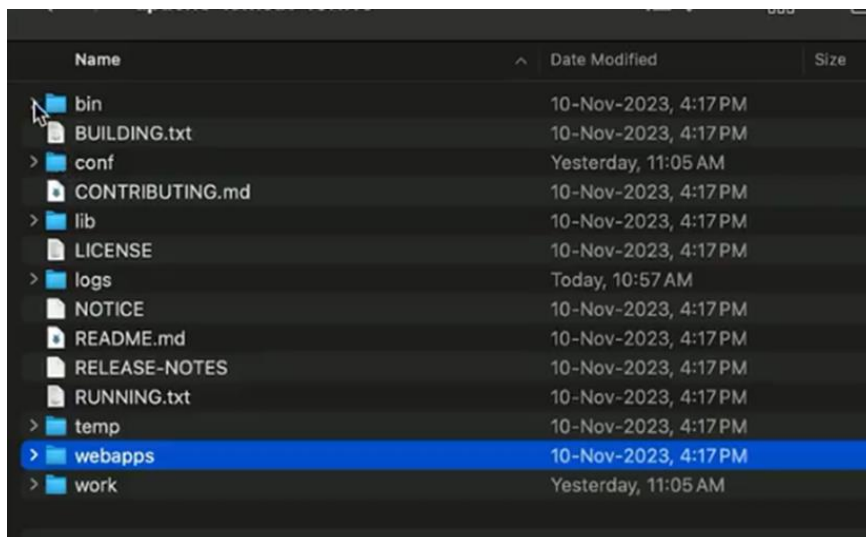
### Tomcat Server:

- **Standalone Tomcat:** Requires manual deployment of **.war** files in the **webapps** directory.
- **Embedded Tomcat:** Integrated into your application via Maven dependencies, making it easier to manage.

**Java Servlet API:** Provides the standard interface for building servlets that handle HTTP requests and responses.

### 1) We need a Tomcat server

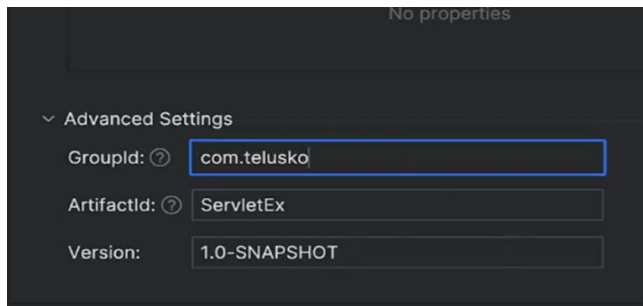
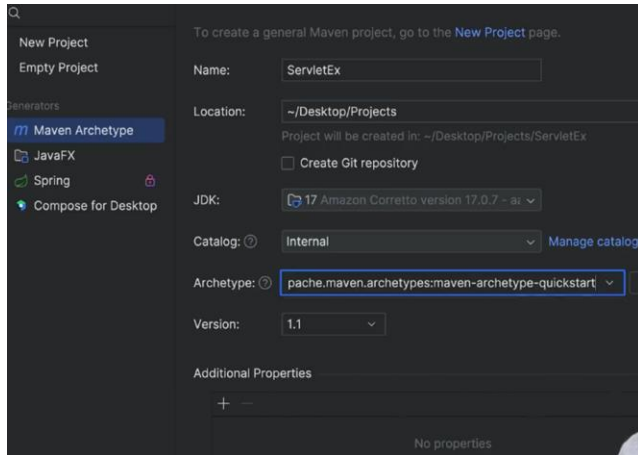
Download [Tomcat 10](#)



1. webapps: put our war file
2. In .bin folder we have startup.sh and shutdown.sh.

## 2)Embeded tomcat

Create a Maven project.



You need to add two dependencies.

To get dependencies: [MVN Repository](#)

### 1. Java Servlet API




**1. Java Servlet API**  
[javax.servlet](#) » [javax.servlet-api](#)

Java Servlet is the foundation web specification in the Java Enterprise Platform. Develop API to interact with the request/response workflow.

Last Release on Apr 20, 2018

### 2. Tomcat Embed Core



**1. Tomcat Embed Core**  
[org.apache.tomcat.embed](#) » [tomcat-embed-core](#)

Core Tomcat implementation

Last Release on Nov 15, 2023