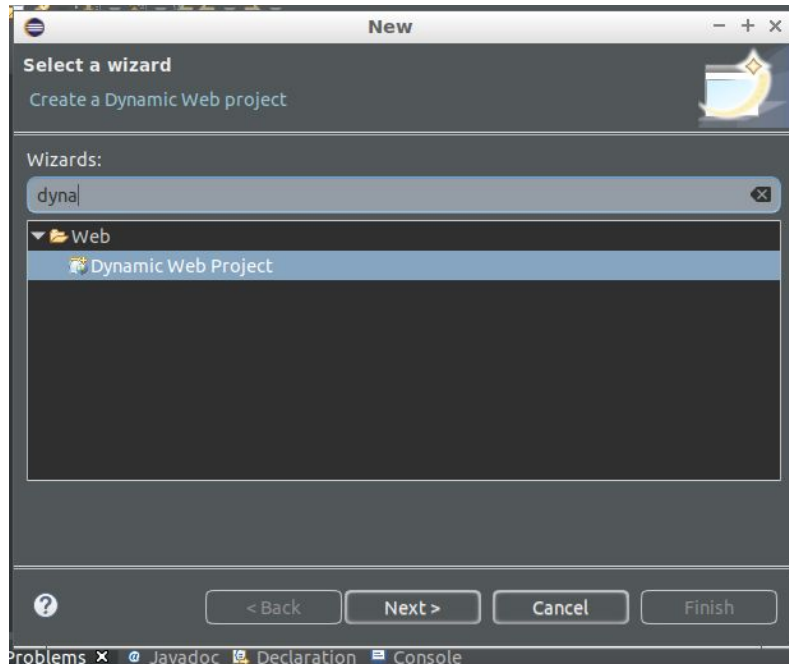


# **Bloque2 Rubrica1:**

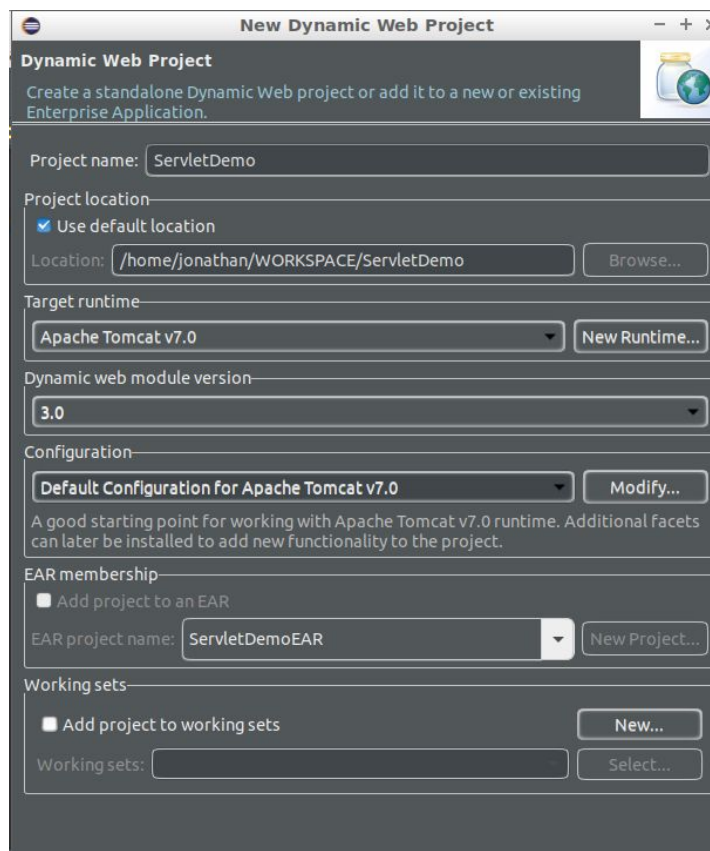
## **Creating your first servlet(dual)**

Jonathan Gaspar Arrufat  
2ºH

Abrimos Eclipse y creamos un **Dynamic Web Project**



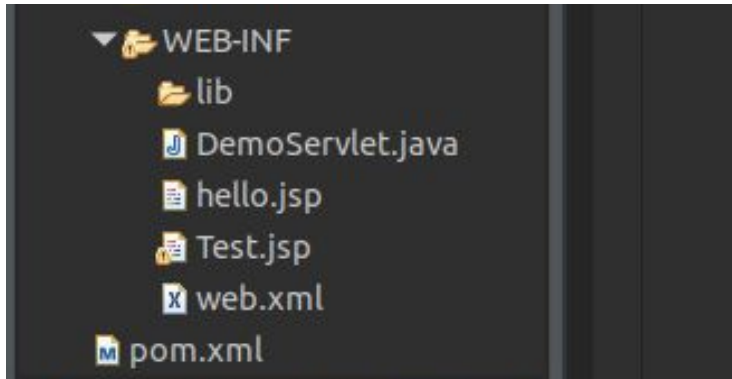
Especificamos los detalles del proyecto



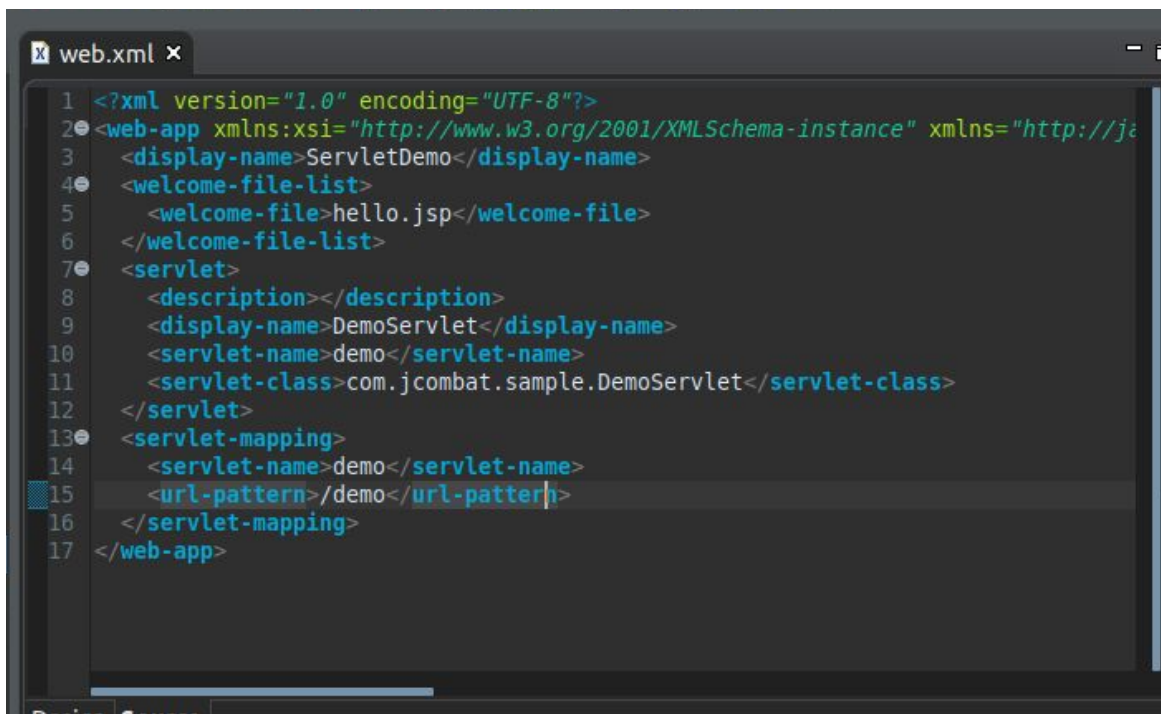
Generamos web.xml

Le damos clic derecho al proyecto > Configure > Convert to Maven Project  
De esta forma, se nos generará un proyecto de Maven

Tenemos que crear estos archivos



Empezamos por web.xml



Ahora creamos DemoServlet.java

```
web.xml  *DemoServlet.java x
1 package com.jcombat.sample;
2 import java.io.IOException;
3
4 import javax.servlet.ServletException;
5 import javax.servlet.http.HttpServlet;
6 import javax.servlet.http.HttpServletRequest;
7 import javax.servlet.http.HttpServletResponse;
8
9
10 public class DemoServlet extends HttpServlet {
11     private static final long serialVersionUID = 1L;
12
13     /**
14      * @see HttpServlet#HttpServlet()
15      */
16     public DemoServlet() {
17         super();
18     }
19
20     /**
21      * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
22      */
23     protected void doGet(HttpServletRequest request, HttpServletResponse response)
24         throws ServletException, IOException {
25         doPost(request, response);
26     }
27
28     /**
29      * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
30      */
31     protected void doPost(HttpServletRequest request, HttpServletResponse response)
32         throws ServletException, IOException {
33         request.getRequestDispatcher("/Test.jsp").forward(request, response);
34     }
35 }
```

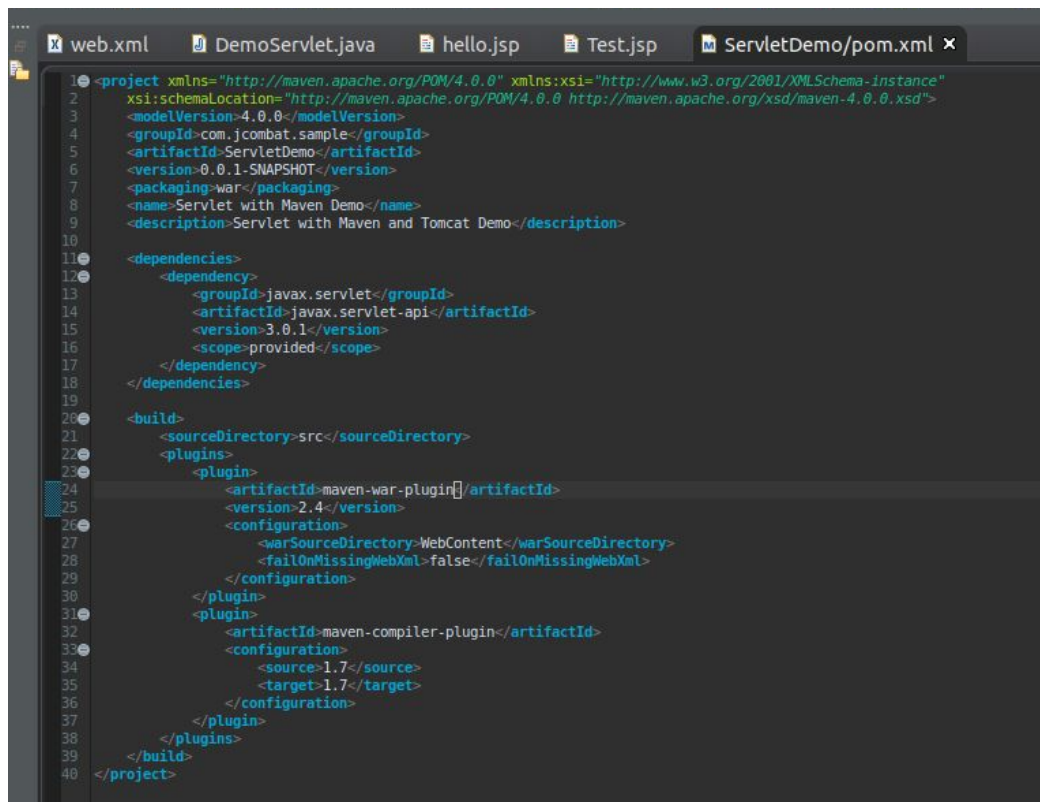
hello.jsp

```
web.xml  DemoServlet.java  hello.jsp x
1 <@ page language="java" contentType="text/html; charset=ISO-8859-1"
2   pageEncoding="ISO-8859-1"%>
3 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
4 <html>
5 <head>
6   <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7   <title>Hello World</title>
8 </head>
9 <body>Welcome to landing page</body>
10</html>
```

y por ultimo Test.jsp

```
web.xml  DemoServlet.java  hello.jsp  *Test.jsp x
1 @ page language="java" contentType="text/html; charset=ISO-8859-1"
2   pageEncoding="ISO-8859-1"%>
3 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.d
4 <html>
5 <head>
6   <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
7   <title>Demo Page</title>
8 </head>
9 <body>Welcome to demo page</body>
10</html>
```

Ahora toca modificar pom.xml



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
4   <modelVersion>4.0.0</modelVersion>
5   <groupId>com.jcombat.sample</groupId>
6   <artifactId>ServletDemo</artifactId>
7   <version>0.0.1-SNAPSHOT</version>
8   <packaging>war</packaging>
9   <name>Servlet with Maven Demo</name>
10  <description>Servlet with Maven and Tomcat Demo</description>
11
12  <dependencies>
13    <dependency>
14      <groupId>javax.servlet</groupId>
15      <artifactId>javax.servlet-api</artifactId>
16      <version>3.0.1</version>
17      <scope>provided</scope>
18    </dependency>
19  </dependencies>
20
21  <build>
22    <sourceDirectory>src</sourceDirectory>
23    <plugins>
24      <plugin>
25        <artifactId>maven-war-plugin</artifactId>
26        <version>2.4</version>
27        <configuration>
28          <warSourceDirectory>WebContent</warSourceDirectory>
29          <failOnMissingWebXml>>false</failOnMissingWebXml>
30        </configuration>
31      </plugin>
32      <plugin>
33        <artifactId>maven-compiler-plugin</artifactId>
34        <configuration>
35          <source>1.7</source>
36          <target>1.7</target>
37        </configuration>
38      </plugin>
39    </plugins>
40  </build>
41</project>
```