

Hello World Web Application

This application is a simple Hello World application which will output **Hello World!!** on the browser. It needs a Dynamic Web project and a JSP associated with it.

To run this tutorial, as a minimum you will be required to have installed the following prerequisite software.

- Sun JDK 5.0+ (J2SE 1.5)
- Eclipse 3.3.1.1 (Eclipse Classic package of Europa distribution), which is platform specific
- Web Tools Platform (WTP) 2.0.1
- Data Tools Platform (DTP) 1.5.1
- Eclipse Modeling Framework (EMF) 2.3.1
- Graphical Editing Framework (GEF) 3.3.1

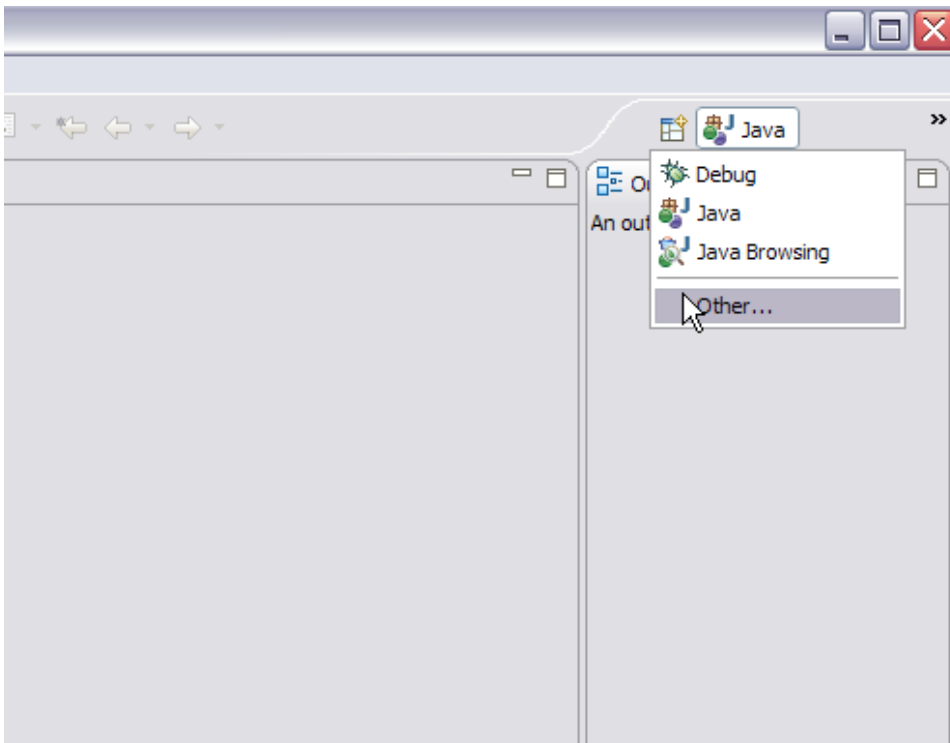
Details on installing eclipse are provided in the [Development environment](#) section. This tutorial is organized in the following sections:

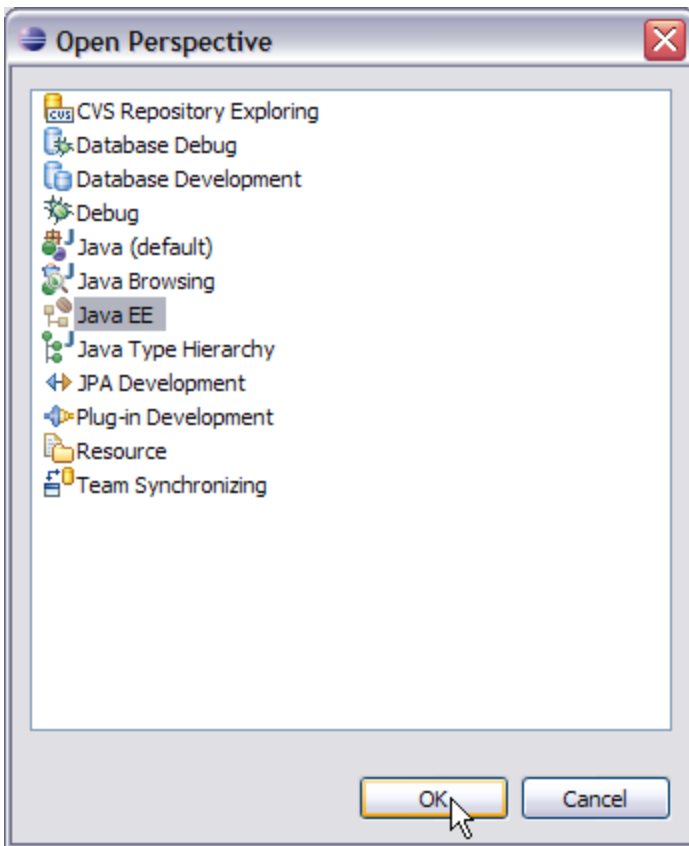
The application development will take you through the following:

- [Creating a Dynamic Web Project using Eclipse](#)
- [Adding a JSP to the project](#)
- [Run and Deploy](#)

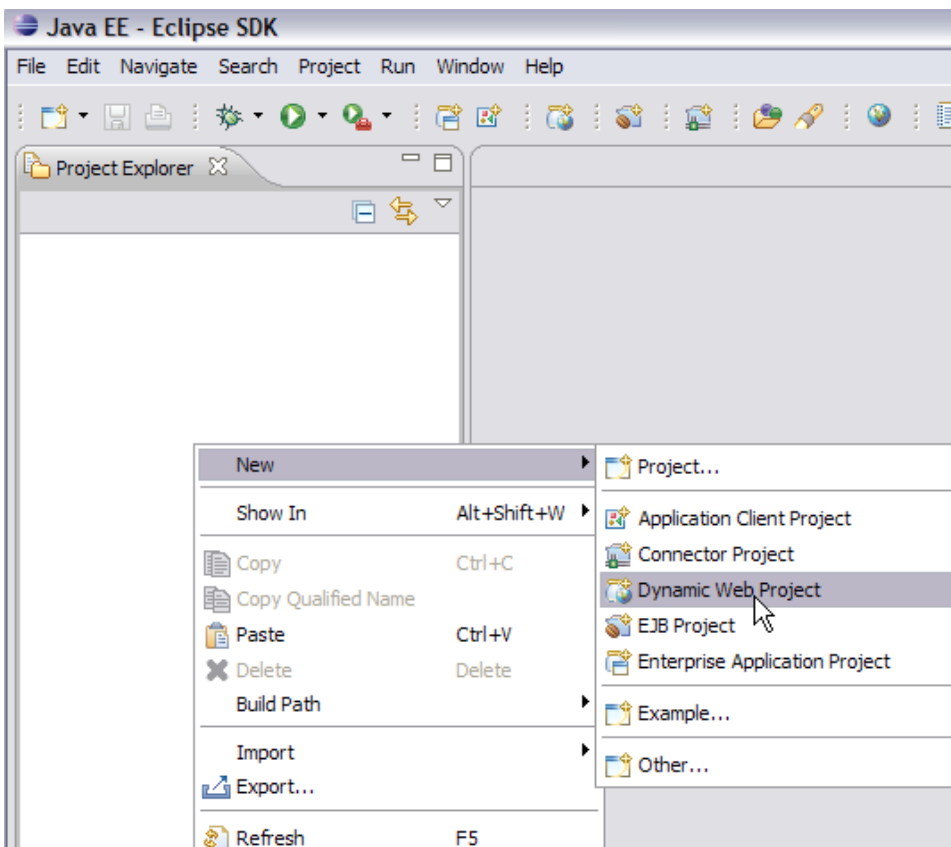
Creating a Dynamic Web Project using Eclipse

1. Launch Eclipse and Switch to Java EE perspective.





2. Right Click under project explorer and Select Dynamic Web Project as shown in the figure



3. Name the project as HelloWorld.

New Dynamic Web Project

Create a standalone Dynamic Web project or add it to a new or existing Enterprise Application.

Project name: HelloWorld

Project contents:

☒ Use default

Directory: C:\Documents and Settings\Administrator\AGdoc\HelloWorld Browse...

Target Runtime

Apache Geronimo v2.1 Runtime New...

Configurations

Default Configuration for Apache Geronimo v2.1 Runtime

A good starting for working with Apache Geronimo v2.1 Runtime runtime. Additional facets can later be installed to add new functionality to the project.

EAR Membership

☐ Add project to an EAR

EAR Project Name: EAR New...

< Back Next Finish Cancel

4. Keep default values for all the fields and Select Finish.

New Dynamic Web Project

Geronimo Deployment Plan
Configure the geronimo deployment plan.

Group Id: default

Artifact Id:

Version: 1.0

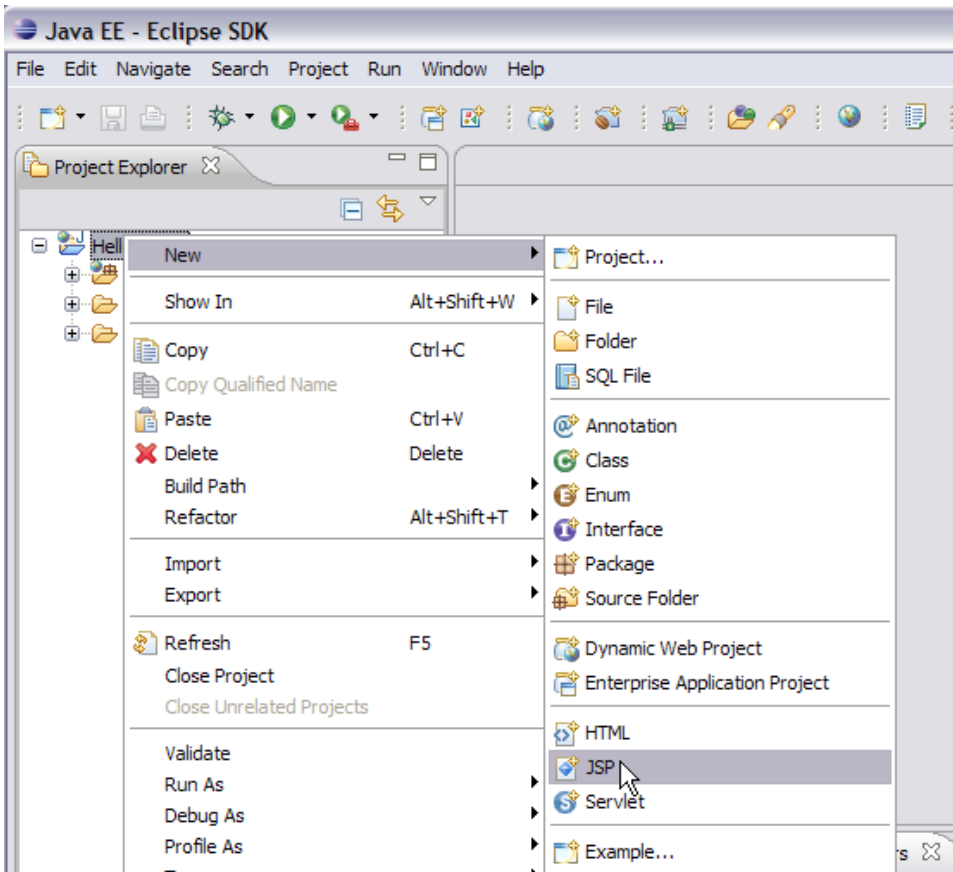
Artifact Type: car

☐ Add a runtime dependency to Geronimo's shared library

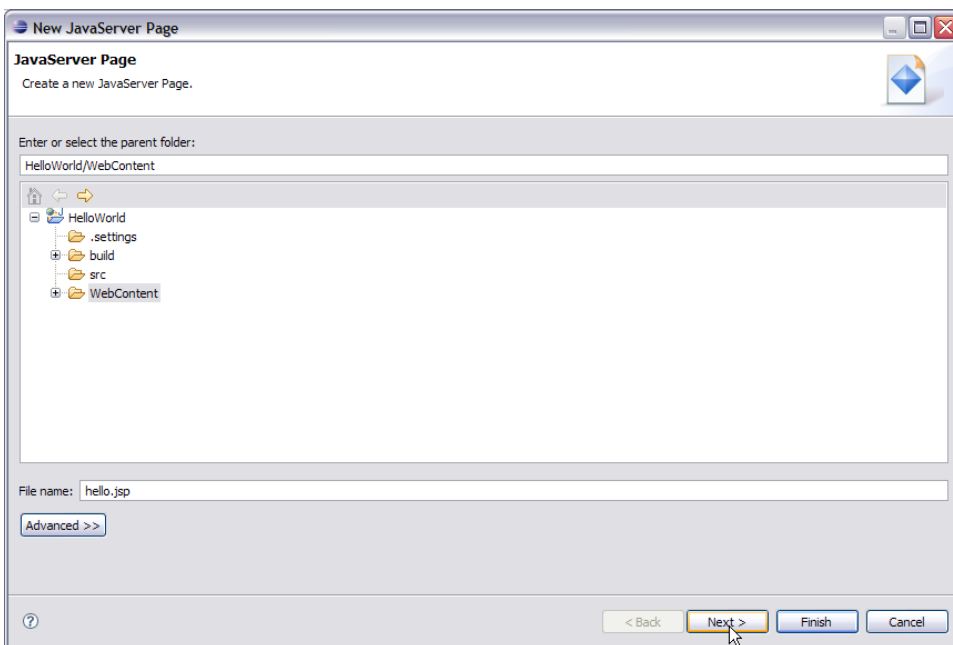
? < Back Next > Finish Cancel

Adding a JSP to the project

5. Right Click on the project HelloWorld and create a new JSP as shown in the figure.



6. Give the name as hello.jsp and Select next. Select Finish on the next screen



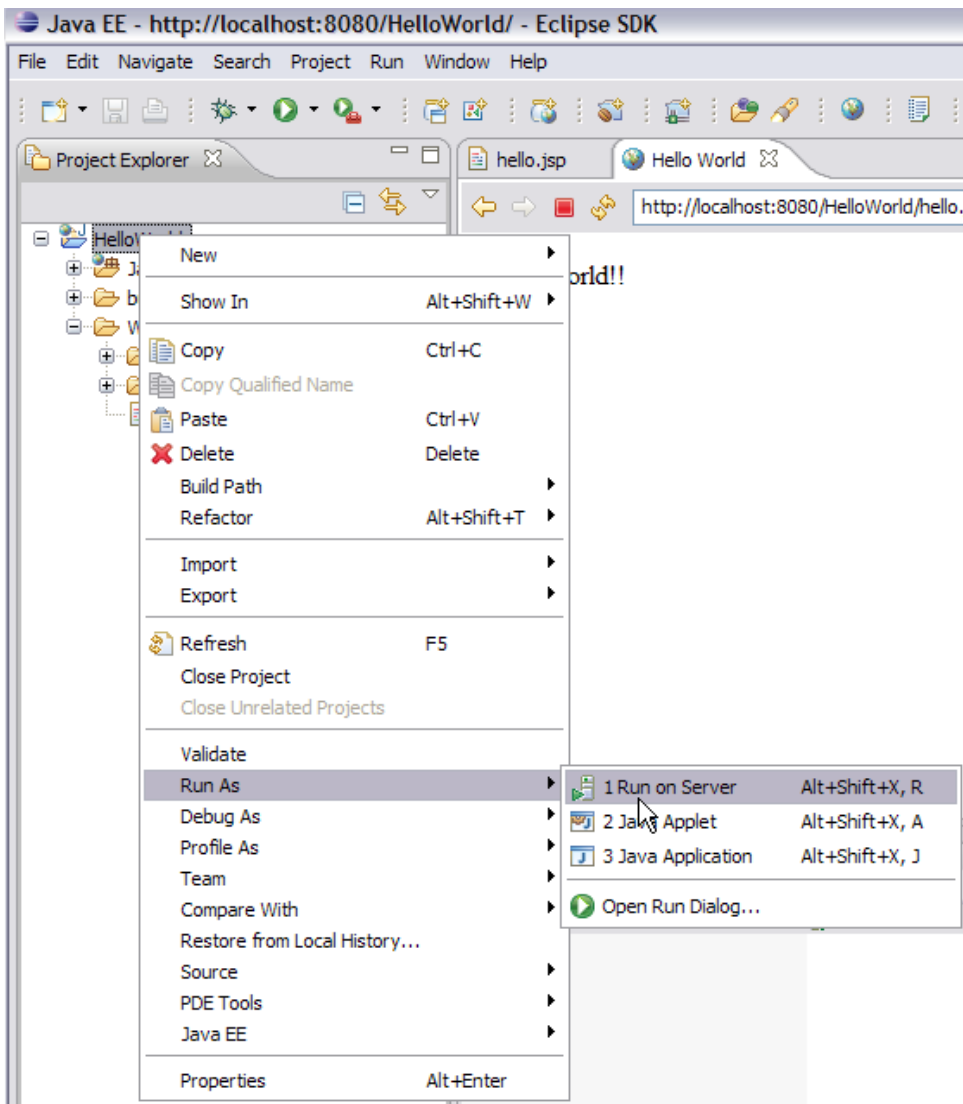
7. Modify the code of hello.jsp as follows

hello.jsp

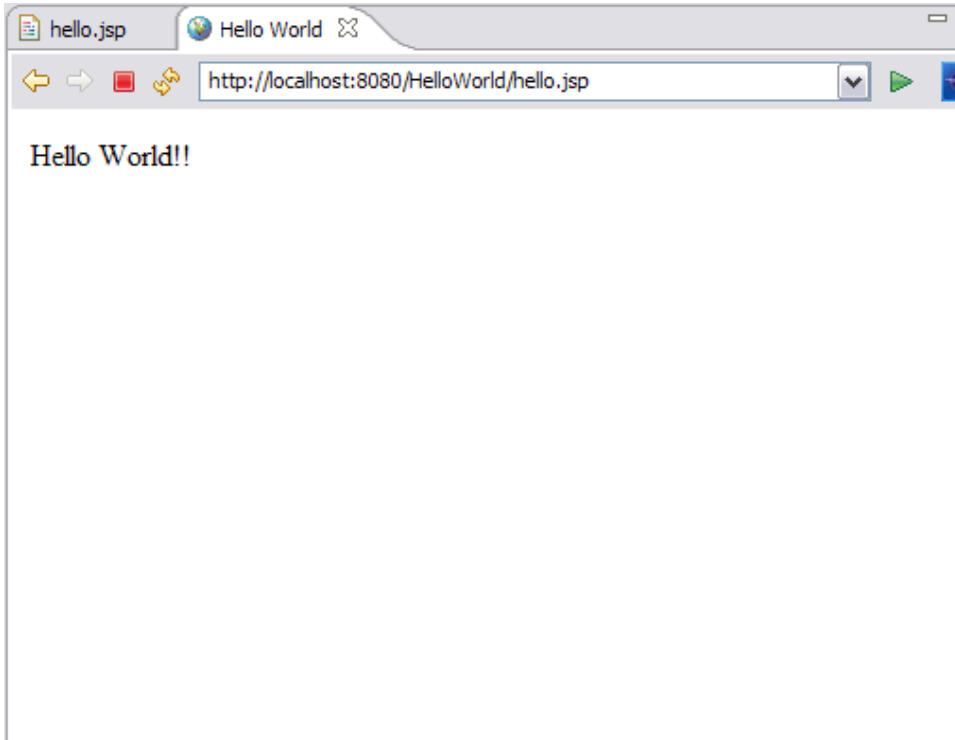
```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Hello World</title>
</head>
<body>
Hello World!!
</body>
</html>
```

Run and Deploy

1. Deploy the application on the server.



2. launch the application using <http://localhost:8080/HelloWorld/hello.jsp>



3. This will display **HelloWorld!!** on the browser window.