Create an Eclipse Web Project

A web project in Eclipse can be created that will use a Tomcat server within Eclipse for testing. This web project can then be exported as a WAR file and be placed on a server that has Tomcat running. To create a Web Project in Eclipse use File/New/Project as shown below

			Java - Eclipse	🛛
File Edit Source Refactor Navigate Search Project	Run	Window Help		
New Alt+Shift+N ▶		Java Project	אַ ד א ייי (בי ד ב) ד Quick Access אין	😫 Java EE 🐉 Java 💠 Debug
Open File	Ľ	Project		Task List 🛛 🖓
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Rename F2		Folder		
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Print Ctrl+P		JUnit Test Case Task		Connect to your task and ALM
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Export				
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1 MainTestClass.java [Java SE Example]				
2 ClassInPackage.java [Java SE Exampl]				
3 TestClassA.java [Java SE Example 1/src]				
Ext				
	-			
Pro	blems	@ Javadoc 😟 Declaration	E Console X	
		o display at this time.		

This gives the following dialog:

۲	New Project	- 🗆 🗙
Select a wizard Create a Dynamic Web project		
<u>W</u> izards:		
type filter text		
 ▷ ▷ EJB ▷ ▷ Java ▷ ▷ Java EE ▷ ▷ JavaScript ▷ ▷ JAXB ▷ ▷ JPA ▷ ▷ Maven ▷ ▷ Plug-in Development ▷ ▷ Web ○ Dynamic Web Project ○ Static Web Project ○ Web Fragment Project 		^ ~
? < <u>B</u> ack	<u>N</u> ext > <u>F</u> inish	Cancel

Go down in the Dialog and choose Dynamic Web Project. This type of project allows the creation of Servlets and Java Server Pages (JSP).

Clicking on Next gives the following Dialog:

۲	New Dynamic Web Project	- 🗆 🗙
Dynamic Web Project		
Create a standalone Dynar Enterprise Application.	mic Web project or add it to a new or existing	
Project na <u>m</u> e:		
Project location		
✓ Use <u>d</u> efault location		
Location: C:\Eclipse Inst	allations\workspace	Browse
Target r <u>u</u> ntime		
<none></none>	¥	New <u>R</u> untime
Dynamic web module <u>v</u> e	rsion	
3.0		~
<u>C</u> onfiguration		
Default Configuration	~	Mod <u>i</u> fy
The default configuration installed to add new fund	n provides a good starting point. Additional fa ctionality to the project.	cets can later be
EAR membership		
Add project to an EAR		
EAR project name: EAR	Y	New <u>P</u> roject
Working sets		
Add projec <u>t</u> to working	ng sets	
Working sets:	∀	S <u>e</u> lect
2	Back Next > Finish	Cancel
	Dack Mext > Einish	Cancer

Give the project a name. Click on New Runtime and choose the type of server that the project will use, i.e. Tomcat 7.0. Note that Tomcat has to be installed before it can be chosen.

New Server Runtime Environment – 🗖 🗙
New Server Runtime Environment Define a new server runtime environment
Download additional server adapters Select the type of guntime environment: type filter text
(?) < Back Next > Einish Cancel

Checking of the "Create a new local server" will add the Tomcat installation to the list of servers in Eclipse, check it.

0	New Server Runtime Envi	ronment	- • ×
Tomcat Server			
Specify the inst	allation directory		
Na <u>m</u> e:			
Apache Tomo	at v7.0		
Tomcat installa	tion <u>d</u> irectory:		
C:\apache-ton	ncat-7.0.55		Browse
	apache-ton	ncat-7.0.47 Do	wnload and Install
JRE:			
jdk1.8.0_20		~	Installed JREs
?	< <u>B</u> ack <u>N</u> ext >	<u>F</u> inish	Cancel

Browse to find the Tomcat Installation. Choose the JDK that we installed as the JRE. Then click Finish. This gives the Project Definition shown on the next page.

۲	New Dynamic Web Project	- 🗆 🗙
Dynamic Web Proje Create a standalone I Enterprise Applicatio	Dynamic Web project or add it to a new or existing	
Project location Use <u>d</u> efault loca	e Installations\workspace\Web Project 1	Browse New <u>B</u> untime
3.0		~
A good starting poi	on for Apache Tomcat v7.0 v nt for working with Apache Tomcat v7.0 runtime. A d to add new functionality to the project.	Modify dditional facets
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?	< <u>B</u> ack <u>N</u> ext > <u>F</u> inish	Cancel

Click Finish to create the Web Project.