Configuración de Apache Tomcat en Eclipse

Para usar el tomcat con eclipse debemos instalar la versión Enterprise de Eclipse.

		×
The installation proc wnload.eclipse.org/o	ess is taking longer than usual: Collected 10 artifacts for htt omph/updates/milestone/latest in 3.472s	ps://do X
Eclipse II Tools for d tools for Ja Web Servio	DE for Enterprise Java and Web Developers evelopers working with Java and Web applications, including a Jar vaScript, TypeScript, JavaServer Pages and Faces, Yaml, Markdow res, JPA and Data Tools, Maven and Gradle, Git, and more.	<u>details</u> va IDE, m,
Java 17+ VM	C:\Program Files\Java\jdk-17	-
Installation Folder	C:\Users\thejuanvisu\eclipse\jee-2023-12	5
	 create start menu entry create desktop shortcut 	
	INSTALLING	
	Cancel Installation	
ВАСК		

En cuanto se nos instale el eclipse iremos a File/Create New Dynamic Project:



En la ventana que nos aparecerá le debemos dar a "New Runtime..."

🖸 New Dynamic Web Project		🖓 🗖 📑 Outline 🗙
Dynamic Web Project Create a standalone Java-based Web Application or add it to a new or existi	ng Enterprise Application.	There is no activ
Project name:		
- Project location		
✓ Use <u>d</u> efault location		
Location: C:\Users\thejuanvisu\Documents\GitHub\Curso_23-24\DAD2\E	clipseEnterprise Browse	
- Target r <u>u</u> ntime		
<none></none>	✓ New <u>R</u> untime	
- Dynamic web module <u>v</u> ersion		
5.0	~	
- <u>C</u> onfiguration		
Default Configuration	 ✓ Mod<u>i</u>fy 	
The default configuration provides a good starting point. Additional facets functionality to the project.	s can later be installed to add new	
-EAR membership		
Add project to an EAR		
EAR project name: EAR	V New Project	
-Working sets		
Add project to working sets	Ne <u>w</u>	
	∼ Select	
? <back next=""></back>	Finish Cancel	

Seleccionaremos nuestra versión de Tomcat dentro de la carpeta de apache, en este caso la 10.1:

New New Server Runtime Environment	
Dynamic New Server Runtime Environment Create a Define a new server runtime environment	
Project Project Uss Select the type of runtime environment: Project Uss Apache Apache Tomcat v7.0 Target Apache Tomcat v7.0 Apache Tomcat v8.0 Apache Tomcat v8.0 Apache Tomcat v8.0 Apache Tomcat v10.0 Apache Tomcat v10.0 Dynam Apache Tomcat v10.1 5.0 Geronimo Core Feature Geronimo Core Feature Geronimo Core Feature Mapache Tomcat v10.1 Y Pefault Web modules. The de functio Create a new local server EAR mr Add Add Pack Next > Finish Cancel Next	
Working sets: Select	
? < Back Next > Finish Cancel	

Tras eso le daremos a Next y nos saldrá esta ventana en la que introduciremos la ruta de nuestro apache y la versión del JDK:

💭 New Server Runtime Environment		– 🗆 🗙	
Tomcat Server			
Specify the Tomcat installation directory a JRE controls the highest supported Java Fa	nd JRE for this runtime. T icet version.	he specified	
Name:			
Apache Tomcat v10.1			
Tomcat installation directory:			-
C:\Program Files\Apache Software Found	ation	B <u>r</u> owse	
	apache-tomcat-10.1.15	Download and Install	. e
JRE:			
jdk-17	~	Installed JREs	tim
			y
			iew
			jec
? < <u>B</u> ack	Next > <u>F</u> inisł	n Cancel	

Al proyecto que vamos a crear le llamaremos Hola_Mundo:

🔛 New Dynamic Web Project — 🗆 🗙
Dynamic Web Project Create a standalone Java-based Web Application or add it to a new or existing Enterprise Application.
Project name: Hola_Mundo
Project location Use <u>d</u> efault location
Location: C:\Users\thejuanvisu\Documents\GitHub\Curso_23-24\DAD2\EclipseEnterprise\H Browse
Target runtime Apache Tomcat v10.1 New Runtime
Dynamic web module version
Configuration
Default Configuration for Apache Tomcat v10.1 Mod <u>i</u> fy
A good starting point for working with Apache Tomcat v10.1 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 V New Project
- Working sets
Add projec <u>t</u> to working sets Ne <u>w</u>
Working sets: Select
? < Back <u>N</u> ext > <u>Finish</u> Cancel

Creación de un servidor

Para poder arrancar el proyecto primero debemos crear un nuevo servidor para ello seguimos los siguientes pasos: Primero le damos a arrancar proyecto:



En la ventana le damos a arrancar en servidor:

🖸 Run As	- 🗆	×	
Select a way to run 'Hola	a_Mundo':		
🛃 Run on Server		וem.	
Description —			
ОК	Cancel		

En la ventana que saldrá seleccionaremos un servidor dentro de la carpeta Apache de nuestra versión de Tomcat:

7/8

🧭 Run On Server					×
Run On Server Select which server to use					
How do you want to select th Choose an existing servi O <u>M</u> anually define a new s	ne server? er				
Select the server type:					
type filter text					
 Tomcat v7.0 Serve Tomcat v8.0 Serve Tomcat v8.5 Serve Tomcat v9.0 Serve Tomcat v10.0 Serve Tomcat v10.1 Serve Basic Publishes and runs J2EE, Java Tomcat server. 	r r r er er EE, and Jakarta	EE Web projects a	nd server configu	rations to a loca	<
Server's host name:	⁷ localhost				
Server name:	Tomcat v10.1	Server at localhost			
Server runtime environment:	Apache Tomo	at v10.1		~ <u>A</u>	<u>dd</u>
Always use this server whe	en running this	project	<u>Configure runti</u>	<u>me environmen</u>	<u>nts</u>
0		<u>N</u> ext >	<u>F</u> inish	Cancel	

Tras eso le daremos a finish y se nos abrirá el navegador mostrando el index.html:



O D localhost:8080/Hola_Mundo/

Soy el index.html

OJO: Antes de arrancar el proyecto debemos crear un documento index.html o se nos mostrará un error en el navegador al arrancarlo.

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