[e] Eclipse IDE

Goals

• Know how to import a Maven project into the Eclipse IDE.

Results

- The project is imported into the IDE.
- The webapp is running in Tomcat.

Tasks of the Exercise

Import the maven project



3.	Select,	Import	Existing	Maven	Projects.

lmport	
Select Import Existing Maven Projects	Ľ
Select an import wizard:	
type filter text	
 General EJB Git Install Java EE Maven Check out Maven Projects from SCM Existing Maven Projects Install or deploy an artifact to a Maven repository Install or deploy an artifact from SCM Oomph Plug-in Development Remote Systems Run/Debug Tasks Team Web 	
Cancel	Finish

4.	Select the enterprise-pro project as the Root Directory and click Finish.			
	0 0	Import Maven Projects		

Maven Projects Select Maven projects	
Root Directory: /Users/rgange/Eclipse/magnolia-workspace/enterprise-pro	Browse
Projects:	Select All
 enterprise-pro-webapp/pom.xml info.magnolia.training:enterprise-pro-webapp:1.0-SNA magnolia-training-module/pom.xml info.magnolia.training:magnolia-training-module:1.0 	Deselect All
	Select Tree
	Deselect Tree
	Refresh
Add project(s) to working set	
Advanced	
(?) < Back Next > Cancel	Finish

Add dependency

- 1. Locate the pom.xml file found in the *enterprise-pro-webapp* folder.
- 2. Edit the file so that the webapp declares a dependency on the training module.

V → enterprise-pro enterprise-pro enterprise-pro-vebapp imagnola-module-training imagnola-module-training imagnola-module-training imagnola-module-training imagnola-module-training imagnola-module-training	<pre>7 * **********************************</pre>
ependency>	rainings/groupId>

<pre>cartifactId>magnolia_module_training</pre>	+ T d >
	LIU/
<version>1.0-SNAPSHOT</version>	

Pro widget set

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- 1. Locate the magnolia.properties file found in the /enterprise-webapp/src/main/webapp/WEB-INF/config/default/ folder.
- 2. Change the value of magnolia.ui.vaadin.widgetset to be info.magnolia.widgetset.MagnoliaProWidgetSet.



VM arguments

1. Open the Eclipse Preferences, and toggle Java and then Installed JREs.

Preferences is found under the *Eclipse* menu in Mac and under the *Window* menu in Windows / Linux.

2. Set your VM arguments. We recommend: -Xms64M -Xmx1024M

				Preferences				
type filter text	Insta	lled JREs				(
▶ Install/Update ▼Java ▶ Appearance	Add, Insta	remove or e	dit JRE definitions. By defa	ult, the checked JRE is added to the build path of newly created Jav	a projects.			
Build Path	Nan	ne		Location	Type			
Code Style		🛋 Java SE 1	7 [1.7.0 71]	/Library/Java/JavaVirtualMachines/idk1.7.0 71.idk/Contents/Home	MacOS X VM	Add		
► Debua ► Editor		➡ Java SE ■ Java SE 8	B [1.8.0_111] (default) 3 [1.8.0_51]	/Library/Java/JavaVirtualMachines/jdk1.8.0_111.jdk/Content /Library/Java/JavaVirtualMachines/jdk1.8.0_51.jdk/Contents/Home	MacOSXVM MacOSXVM	Edit		
Installed JREs JUnit			• •	Edit JRE				
Properties Files Editor			JRE Definition					
Java Persistence JavaScript JSON			Specify attributes for a J	RE				
Maven Mvlvn			JRE home:	/Library/Java/JavaVirtualMachines/jdk1.8.0_111.jdk/Contents/Home		Directory		
Plua-in Development			JRE name:	Java SE 8 [1.8.0_111]				
Remote Svstems Run/Debua			Default VM arguments:	s: -Xms64M -Xmx1024M Variables.				
Server		_	JRE system libraries:					
Terminal Validation			/Library/Java/Java /Library/Java/Java	VirtualMachines/jdk1.8.0_111.jdk/Contents/Home/jre/lib/resources.j VirtualMachines/jdk1.8.0_111.jdk/Contents/Home/jre/lib/rt.jar	ar	Add External JARs		
Web Web Services			/Library/Java/Java	VirtualMachines/jdk1.8.0_111.jdk/Contents/Home/jre/lib/jsse.jar VirtualMachines/jdk1.8.0_111.jdk/Contents/Home/ire/lib/jce.jar				
KML rEdit Preferences			/Library/Java/Java	VirtualMachines/jdk1.8.0_111.jdk/Contents/Home/jre/lib/charsets.ja	r	Source Attachment		
			External annotations External annotations External annotations					
		_	Image: A construction of the second secon	virtualMachines/Jok 1.8.0_111.jok/Contents/Home/Jre/lib/ext/onsns.j VirtualMachines/Jok 1.8.0_111.jok/Contents/Home/Jre/lib/ext/Jaccess	ar Jar	Remove		
			/Library/Java/Java /Library/Java/Java	VirtualMachines/jdk1.8.0_111.jdk/Contents/Home/jre/lib/ext/jfxrt.jar VirtualMachines/jdk1.8.0_111.jdk/Contents/Home/jre/lib/ext/localed	ata.jar			
			Library/Java/Java/Java/irtualMachines/jdk1.8.0_111.jdk/Contents/Home/jre/lib/ext/nashorn.jar					
			Guina any dava juava juav					
			🕨 🔤 /Library/Java/Java	VirtualMachines/jdk1.8.0_111.jdk/Contents/Home/jre/lib/ext/sunpkc	s11.jar	Restore Default		
			?		Ca	ncel Finish		

Configure the server

- 1. Move a copy of Tomcat 7 server inside the magnolia-workspace.
- 2. On the Servers tab, click the link to create a new server.

You can also find the Servers located under Window > Show View > Servers.

- 3. For server type, select Apache Tomcat v7.0.
- 4. Browser to the tomcat server and click Finish.

Do not start the server at this time. There is still more more configuration to be done in the next exercises.

	New Server		
Tomcat Server Specify the installation directory			
Name:			
Apache Tomcat v7.0			
Tomcat installation directory:			
/Users/rgange/Eclipse/magnolia-w	orkspace/apache-tomcat-7.0.67		Browse
JRE:		Do	ownload and Install
Workbench default JRE		•	Installed JREs
?	< Back Next >	Cancel	Finish