# [e] IntelliJ IDE

#### Goals

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

## Results

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

## Tasks of the Exercise

#### Import the maven project

1. Click Import Project.

Intellij IDEA Version 2017.1.2		
<ul> <li>Create New Project</li> <li>L<sup>e</sup> Import Project</li> <li>Dpen</li> <li>♦ Check out from Version Control +</li> </ul>		
	∦ Configure →	Get Help <del>-</del>

Browse to: ~/ItelliJ/magnolia-workspace/enterprise-pro/pom.xml. Click Open.
 Check Search for projects recursively. Click Next.

Import Project from Maven				
Root directory ~/IntelliJ/magnolia-workspace/enterprise-pro …				
Search for projects recursively				
Project format:idea (directory based)				
Keep project files in:				
Import Maven projects automatically				
Create IntelliJ IDEA modules for aggregator projects (with 'pom' packaging)				
Create module groups for multi-module Maven projects				
Keep source and test <u>f</u> olders on reimport				
Exclude build directory (%PROJECT_ROOT%/target)				
Use Maven output directories				
Generated sources folders: Detect automatically				
Phase to be used for folders update: process-resources				
IDEA needs to execute one of the listed phases in order to discover all source folders that are configured via Maven plugins.				
Note that all test-* phases firstly generate and compile production sources.				
Automatically download: Sources Documentation				
Dependency types: jar, test-jar, maven-plugin, ejb, ejb-client, jboss-har, jboss-sar, war, ear, bundle				
Comma separated list of dependency types that should be imported				
Environment settings				
Help Cancel Previous Next				

- 4. Nothing to change on Select profiles. Click Next.
- 5. For Select Maven projects to import, click Unselect all, then check: info.magnolia.training:enterprise-pro:1.0-SNAPSHOT.

Select Maven projects to import
✓ info.magnolia.training:enterprise-pro:1.0-SNAPSHOT
Info.magnolia:magnolia-empty-webapp:5.5.3 [enterprise-pro-webapp/target/war/work/info.magnolia/magnolia/magnolia/magnolia-empt. Unknown:Unknown:Unknown [enterprise-pro-webapp/target/war/work/info.magnolia/magnolia-empty-webapp/target/war/work/info.magnolia.empty-webapp/target/maven-archiver] Info.magnolia:magnolia-empty-webapp:5.5.3 [enterprise-pro-webapp/target/enterprise-pro-webapp-1.0-SNAPSHO Unknown:Unknown:Unknown [enterprise-pro-webapp/target/enterprise-pro-webapp-1.0-SNAPSHO] Unknown:Unknown:Unknown [enterprise-pro-webapp/target/enterprise-pro-webapp-1.0-SNAPSHOT/META-INF/m] Unknown:Unknown:Unknown [magnolia-module-training/target/maven-archiver]
Select all Unselect all
Open Project Structure after import
Help Cancel Previous Next

oult b	No SDK Specified
20	Do you want to create a project with no SDK assigned? An SDK is required for compiling, debugging and running applications, as well as for the standard SDK classes resolution.

8. Click Finish.

Configure the server

1. From the Run menu, select Edit Configurations...



2. Add a new local Tomcat Server configuration.

You may to select xx items more from the bottom of the list if you don't see a tomcat option.

	Run/Debug Configurations	
+ - 🖻 🛠 🔺 🖿 💵 🐙		
Add New Configuration	Press the+ button to create a new configuration based on default settings	
III npm		
OpenShift Deployment		
0SGi Bundles		
🕑 Plugin		
Protractor		
😤 React Native		
Remote		
Kara Resin ►		
Spring Boot		
😴 Spy-js		
NØ TestNG		
Rever Tomcat Server	Add New 'Tomcat Server' Configuration	
💐 TomEE Server 🛛 🕨 🕨	👯 Local	
Q WebLogic Server ▶	Remote	
WebSphere Server ►		
XSLT		

- 3. On Run/Debug Configurations define the following:
  - a. Name: give the configuration a name.
  - b. Application Server: select the location of the server.

• •	Run/Debug Configurations	
$+ - \square \ \ \sim \ \ \sim \ \ \ \downarrow_2^2$	Name: Tomcat 8.5.14	Shar
Tomcat Server	Server Deployment Logs Code Coverage Startup/Connection	
P Defaults	Application server: Tomcat 8.5.14	▼ Configure
	Open browser	
	🗹 After launch 횓 Firefox 🔹 🚥 🔳 with JavaScript d	lebugger
	http://localhost:8080/	
	VM options: -Xms64m -Xmx1024m	
	On 'Update' action: Restart server 🔻 🗹 Show <u>d</u> ialog	
	JRE: Default ( <no jre=""> - project SDK)</no>	
	Tomcat Server Settings	
	HTTP port: 8080	pplications configured in Tomcat instance
	HTTPs port: Preserve	sessions across restarts and redeploys
	JMX port: 1099	
	AJP port:	
	Before launch: Build, Activate tool window	
	*∦ Bulia + - // ▲ ▼	
	Show this page S Activate tool window	
	Warning: No artifacts marked for deployment	💡 Fix

4. Click Fix button. Select enterprise-pro-webapp:war exploded.

5. On the Deployment tab set the Application context: enterprise-pro