Liferay IDE Installation and Development on Windows

Prepared by M&S Consulting Last Modified: December 26, 2010

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Background

I am installing Liferay IDE locally on Windows 7 Ultimate 64-Bit for development and prototyping purposes with Liferay 6.0.5 bundled with Tomcat 6.0.26. This guide walks through the following topics:

- Installing Liferay IDE
- Liferay Plugins SDK Installation and Configuration in Liferay IDE
- Liferay Portal Configuration in Liferay IDE
- Developing and Deploying HelloWorld Portlet in Liferay IDE



Eclipse, the Prerequisite

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If you don't already have it, download Eclipse Eclipse Helios IDE for Java EE Developers (see <u>Eclipse</u> <u>versioning conventions</u>) from the <u>Eclipse downloads page</u>. If you do already have it, you might want to follow steps to <u>update Eclipse</u>.



Installing Liferay IDE

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Liferay Plugins SDK Installation and Configuration in Liferay IDE





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Liferay Portal Configuration in Liferay IDE

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Here, I simply pointed to the Liferay 6.0.5 with Tomcat 6.0.26 bundle that I had <u>downloaded from</u> <u>SourceForge</u> and extracted to C:\liferay-portal-6.0.5.



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Test the Liferay Portal configuration by starting from within Eclipse.



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(Name:	Java(TM) Platform SE binary		
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	Path:	C:\iferay-portal-6.0.5\tomcat-6.0.26\jre1.6.0_21\win\bin \javaw.exe		
Allow Java(TM) Plat	tform SE binary	to communicate on these networks:		
Private networks, such as my home or work network				
Public networks, such as those in airports and coffee shops (not recommended because these networks often have little or no security)				
What are the risks of allowing a program through a firewall?				
		Allow access Can	cel	



Console shows that startup was successful.

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Navigate to <u>http://localhost:8080</u> web browser (in my case, Google Chrome) to verify Liferay Portal was started from within Eclipse.



You can also navigate to this same Liferay portal home from within Eclipse (though I personally prefer to use my Google Chrome browser instead).







Developing and Deploying HelloWorld Portlet in Liferay IDE





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🛞 New Liferay Plug-in Project 🛛 🕒 🗖 🗐 🗐 🖉
Liferay Plug-in Project
Create a new plug-in project for Liferay Portal.
Project name: HelloWorldPortlet
Display name: HelloWorldPortlet
Configuration
Liferay Plug-ins SDK liferay-plugins-sdk-6.0.2
Liferay Portal Runtime Liferay v6.0 (Tomcat 6)
Advanced project configuration
Plug-in Type
Portlet Create a web application using the portlet framework.
O Deversion Provide or extend Liferay's default behavior and functionality.
O Ext Light-weight extension environment for Liferay as a plug-in.
C I Layout Create a new custom layout for Liferay pages.
Theme Build a custom look and feel for the portal.
Create custom portlet class
Import existing Liferay project



💭 New Liferay Plug-in Project
Liferay Plug-in Project Create a new plug-in project for Liferay Portal.
Project name: HelloWorldPortlet-portlet Display name: HelloWorldPortlet Configuration Liferay Plug-ins SDK Iferay-plugins-sdk-6.0.2 Configure Life Open Associated Perspective? This kind of project is associated with the Liferay perspective. Do you want to open this perspective now? Remember my decision Configure Theme Build a custom look and feel for the portal. Create custom portlet dass



Navigate to view.jsp and feel free to modify the contents.

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Deploy to our previously configured Liferay Portal environment.



😳 Run On Server	
Run On Server	
Select which server to use	
How do you want to select the server?	
Choose an existing server	
C Manually define a new server	
Select the server that you want to use:	
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🖬 Liferay v6.0 Server (Tomcat 6) at localhost 🛛 👬 Started	
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Always use this server when running this project	
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Default credentials are:

- Username: test@liferay.com
- Password: test









You can click "Add" or drag-and-drop the HelloWorldPortlet we created onto the page.



