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Project Wonderland v0.5: Launching Clients using Java Web Start

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Introduction

Support for Java Web Start is built into Project Wonderland v0.5. The Wonderland server automatically supports launching clients from Java Web Start when you compile Project Wonderland from the source code (or from binary releases in the future). With Java Web Start, clients only need to open a URL in a web browser, and as long as Java SE 6 is installed on their system, the Project Wonderland client will be automatically downloaded and launched.

The Project Wonderland Server URL

When you start the Project Wonderland server, a web server is started which enables users to launch the client. This web page defaults to port 8080. For example, if the host name of your server is `www.company.com`, then the URL of the Project Wonderland client page will be <http://www.company.com:8080>. If you are unsure what the host name of your machine is, you can use the IP address of your server instead.

When you start the server, it displays a message with the URL of the web server. For example:

```
[java] -----  
[java] Wonderland web server started successfully.  
[java] Log files are in /Users/me/.wonderland-server/0.5-dev/log  
[java] Web server running on http://129.148.173.164:8080/  
[java] -----
```

Displaying the Java Console

Before launching the client via Java Web Start, it is recommended that you turn on the Java console, which displays log messages for the client. If you run into an issue, this log will help determine the cause of the problem. To turn on the Java console:

Showing the Java Console on Windows

1. Make sure the Project Wonderland client is not running
2. From the Start menu, select Control Panel.
3. In the Control Panel, click on Java.
4. In the Java Control Panel, click on the Advanced tab.
5. Click on the + before Debugging and select Enable logging.
6. Click on the + before Java console and click on Show console.
7. Click OK

Showing the Java Console on Mac OS

1. Make sure the Project Wonderland client is not running
2. Navigate to Applications --> Utilities --> Java
3. Open Java Preferences
4. Click the Advanced tab
5. Under the Debugging heading, check Enable logging
6. Under the Java console heading, click Show console
7. Click Save and close the Java Preference dialog

Showing the Java Console on Linux/Solaris

1. Make sure the Project Wonderland client is not running
2. From a terminal, enter **javaws -viewer**. Two windows should appear, one titled "Java Control Panel" and another titled "Java Cache Viewer".
3. On the window titled "Java Cache Viewer", click the Close button.
4. In the Java Control Panel, click on the Advanced tab.
5. Click on the + before Debugging and select Enable logging.
6. Click on the + before Java console and click on Show console.
7. Click OK

Launching a Client

If you open the URL in a web browser, you should see the page below. Click the "Launch Wonderland 0.5" button to launch the client. It only needs to download the client software once; future attempts will use a cached version of the software. (click the image for a full-sized version).



Welcome to Project Wonderland

The Project Wonderland Client launches using Java Web Start, which automatically downloads the latest version of the software when you click the launch button below. To get started, all you need is a current version of Java installed on your system.

For more information:

- Project Wonderland v0.5 User's Guide [coming soon]
- [Project Wonderland Web Site](#)
- Documentation Wiki
- Help Forum



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Server Administration

For more information:

- Web-Based Administration Guide
- Launching Wonderland Clients using Java Webstart
- Configuring Project Wonderland for Firewalls, NATs, and Proxies



Server: dhcp-ubur02-173-156.EastSun.COM
Version: 0.5-preview1

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