<http://www.gwtproject.org/gettingstarted.html>

**Requirement**

Java SDK version 1.8 or later

Apache Ant

Eclipse

eclipse-jee-2019-03-R-win32-x86\_64

Creating GWT project

New\others\GWT Application\GWT Web Application Project

Running in the development mode

1. Select GWT project
2. Run As\GWT development mode with jetty
3. Copy the URL which is in the [Development Mode] view(tab)
4. Paste the URL into the browser

Running in production mode

1. Select GWT project
2. GWT\Compile
3. Open <project\_name>\war\<name>.html in browser

Widget Gallery

<http://www.gwtproject.org/doc/latest/RefWidgetGallery.html>

How to Start and Stop Apache Tomcat from the Command Line (Windows)

1. Start a Command Prompt from the Start menu.
2. Navigate to the Tomcat bin directory, e.g., c:/Tomcat8/bin:
3. Type in startup and then hit Enter to execute the Tomcat server start up script:
4. A separate window will open and a series of messages will appear, followed by the message indicating the server is started: The exact number of milliseconds will vary based on the number of web applications that are deployed, among other factors.
5. To stop the Tomcat server, type in shutdown and then hit Enter in the original command prompt:
6. The startup window that appeared earlier will now be closed, indicating the Tomcat server has been stopped.

**To establish Tomcat integration in Eclipse:**

1. From the **Eclipse** main menu choose File > New > Other...
2. Select **Server** > **Server**.
3. Click Next. Figure: Define a New **Server**.
4. Select **Tomcat** vx.x **Server**.
5. Click Next. Figure: Choose **Tomcat** version.
6. Browse to the folder of your **Tomcat** installation. ...
7. Select Finish.

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