

Web-based Negotiation Game Installation Guide

for MAC user



7/7/2014

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Download Source Code



- Download source code

<https://github.com/USC-PIL/USC-ObjectsNegotiationTask>

The screenshot displays the GitHub repository page for **USC-ObjectsNegotiationTask**. At the top, it shows repository statistics: 2 commits, 1 branch, 0 releases, and 1 contributor. Below this, the repository name is followed by a dropdown menu set to 'branch: master' and a '+' icon for additional actions. The commit history table shows an 'Initial import' by user **eunkyoung1127** 'an hour ago', with the latest commit hash **ca1943e2ea**. The table lists two files: **WebGames** and **.Rhistory**, both with an 'Initial import' status 'an hour ago'. On the right sidebar, under the 'Code' tab, there are links for 'Issues' (0), 'Pull Requests' (0), 'Pulse', 'Graphs', and 'Network'. Below these, the 'HTTPS clone URL' is provided as **https://github.com/U!**. A note states 'You can clone with [HTTPS](#) or [Subversion](#)'. At the bottom right, two buttons are highlighted with a red box and a red 'or' label: **Clone in Desktop** and **Download ZIP**.

File	Commit Message	Time
WebGames	Initial import	an hour ago
.Rhistory	Initial import	an hour ago

Import Existing Project





- Download the newest Eclipse Classic
<http://www.eclipse.org/downloads/>

Eclipse Downloads

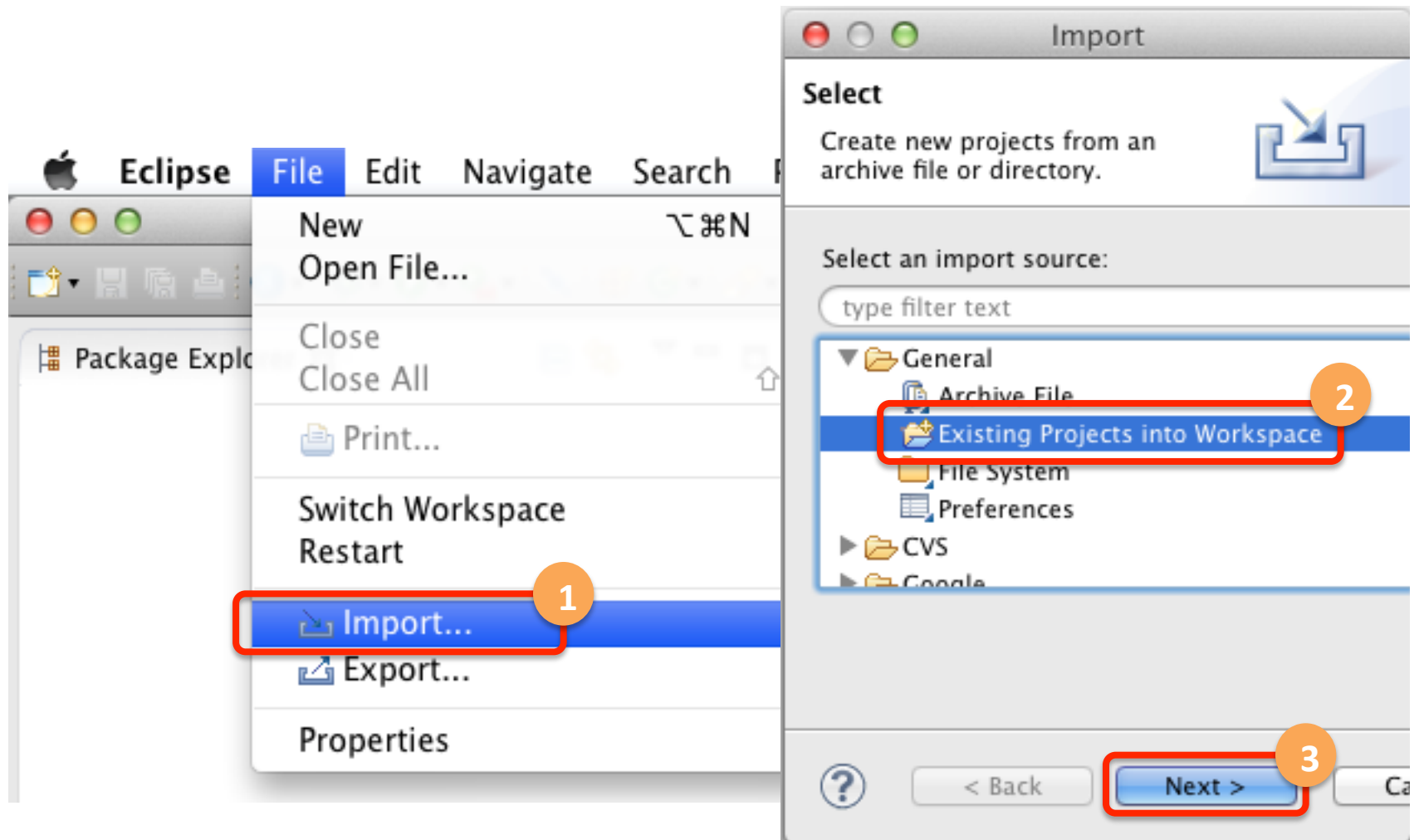
Packages Developer Builds Projects

Eclipse Juno (4.2) SR2 Packages for Mac OS X (Cocoa)

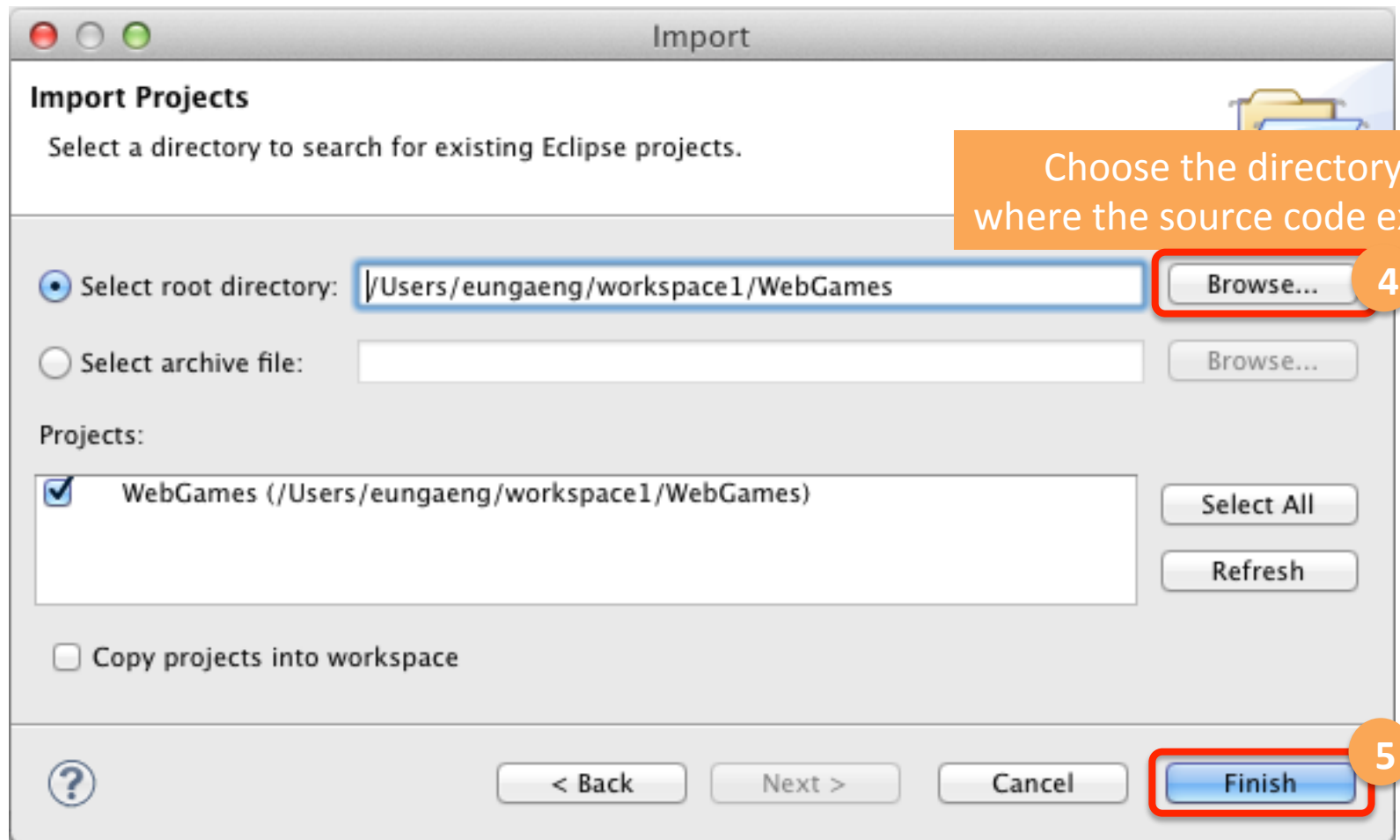
Mac OS X users please note: Eclipse requires Mac OS X 10.5 (Leopard) or greater.

	Eclipse IDE for Java EE Developers , 227 MB Downloaded 2,264,065 Times Details	 Mac OS X 32 Bit Mac OS X 64 Bit
	Eclipse Classic 4.2.2 , 182 MB Downloaded 1,468,737 Times Details Other Downloads	 Mac OS X 32 Bit Mac OS X 64 Bit
	Eclipse IDE for Java Developers , 150 MB Downloaded 889,240 Times Details	 Mac OS X 32 Bit Mac OS X 64 Bit

Import Existing Project



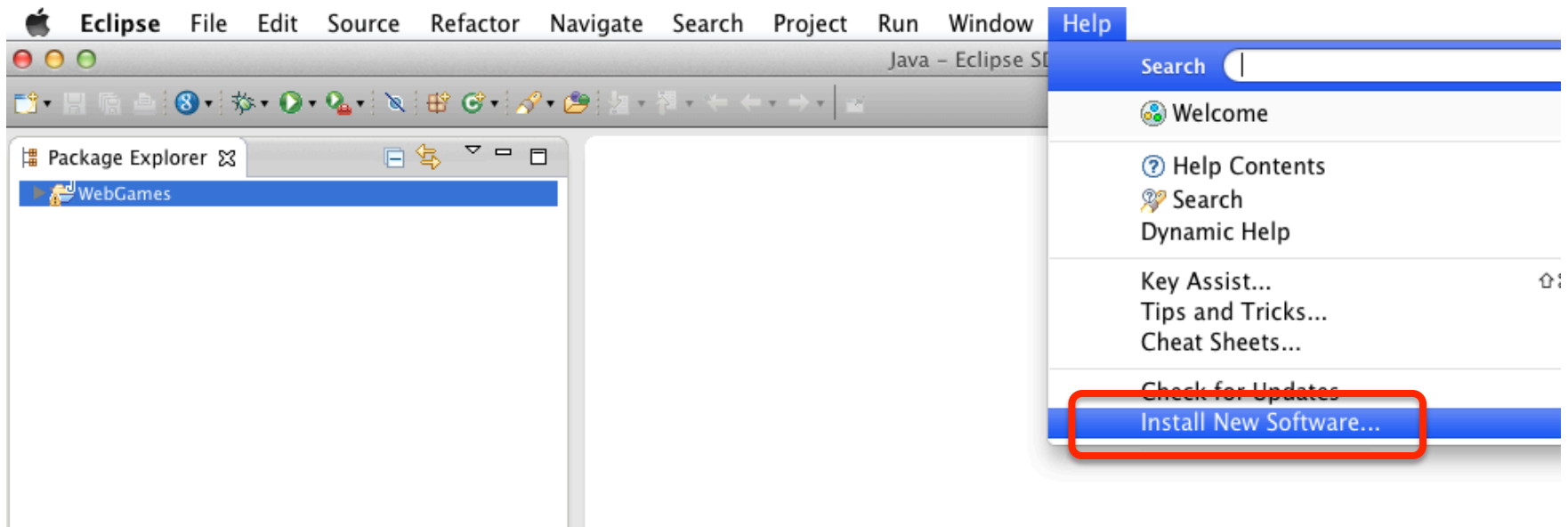
Import Existing Project



Install GWT Plugin for Eclipse



- Install Google Plugin for Eclipse

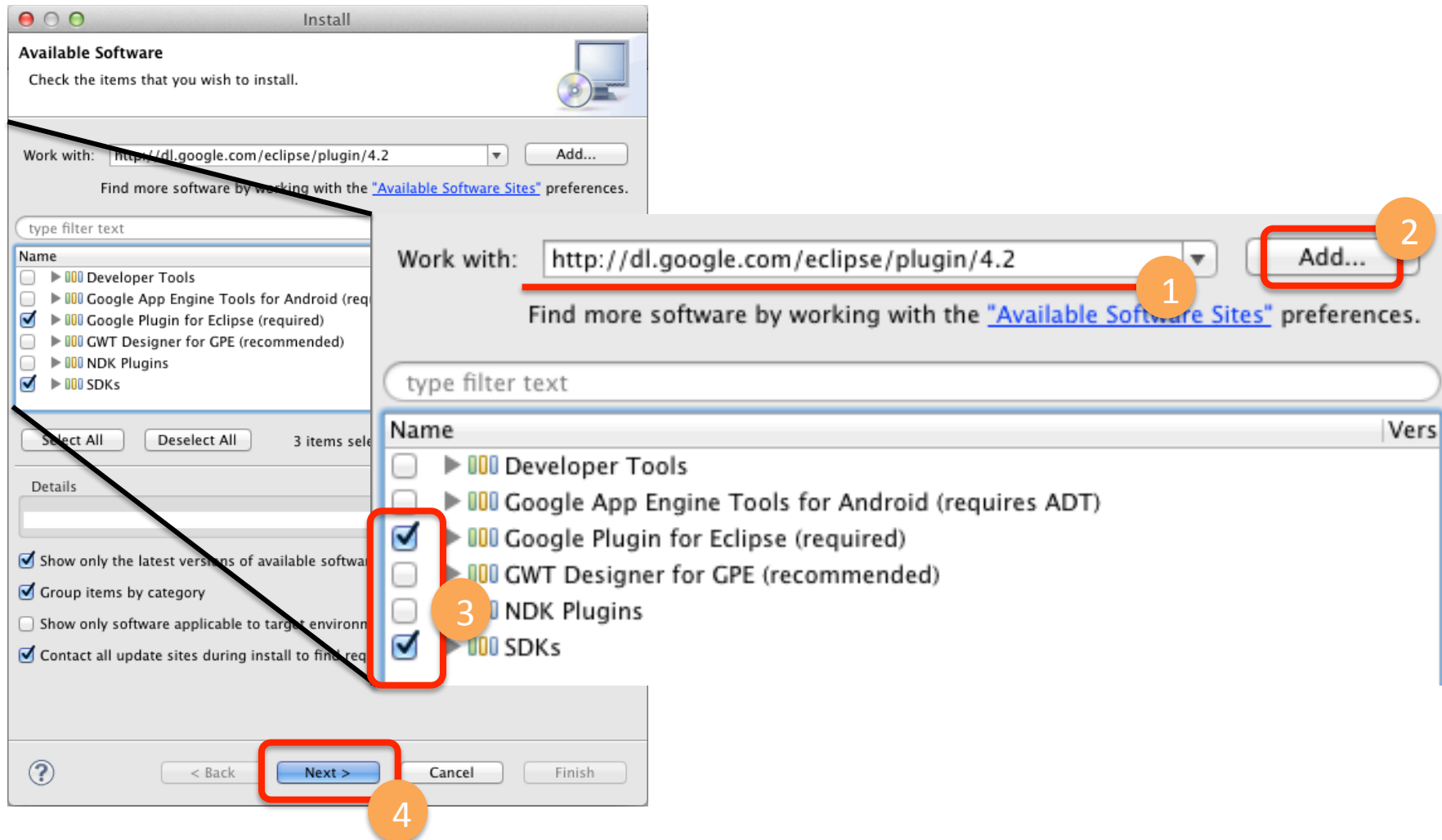


- Google Plugin for Eclipse information can be found:
https://developers.google.com/eclipse/docs/getting_started

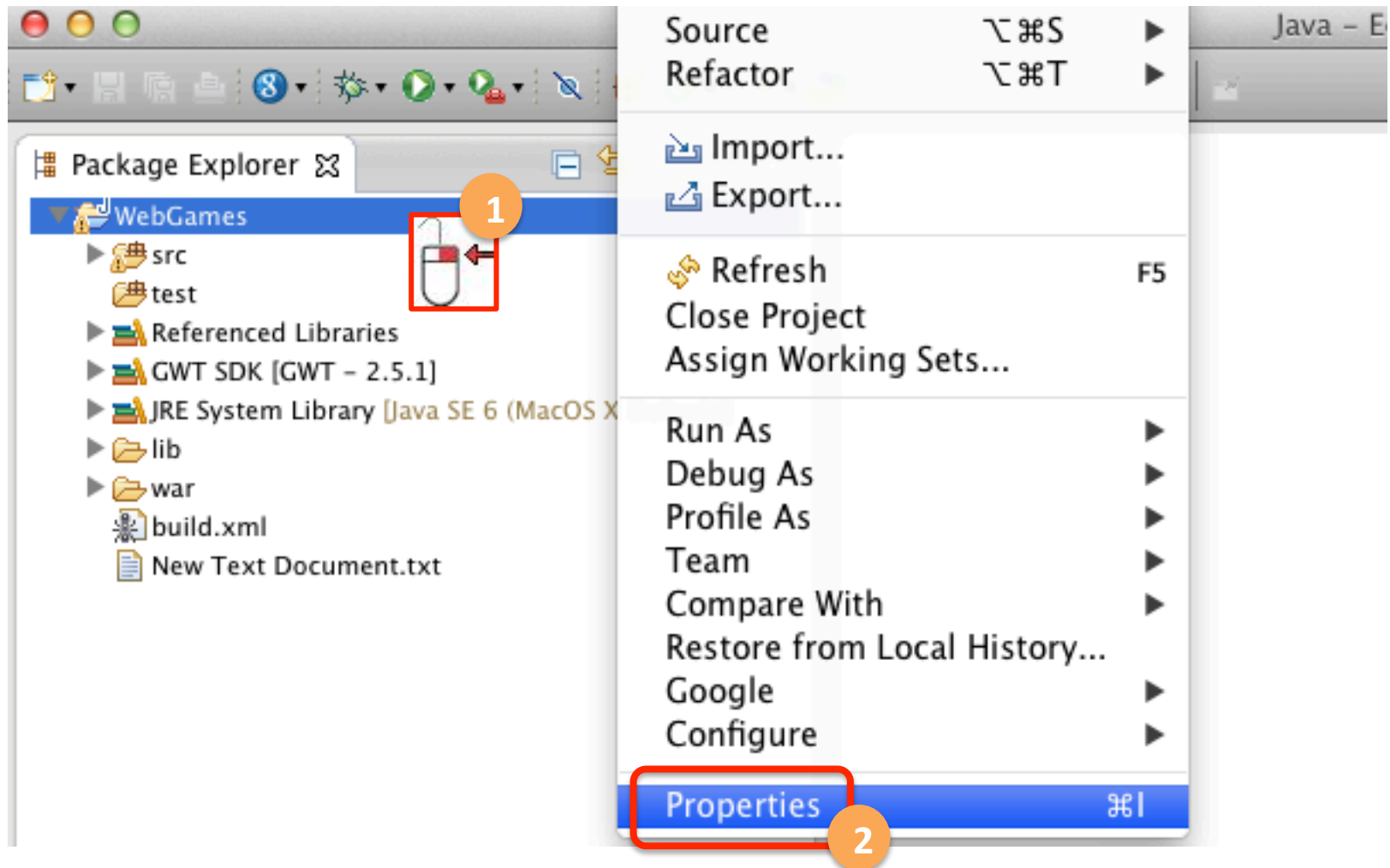
Install GWT Plugin for Eclipse



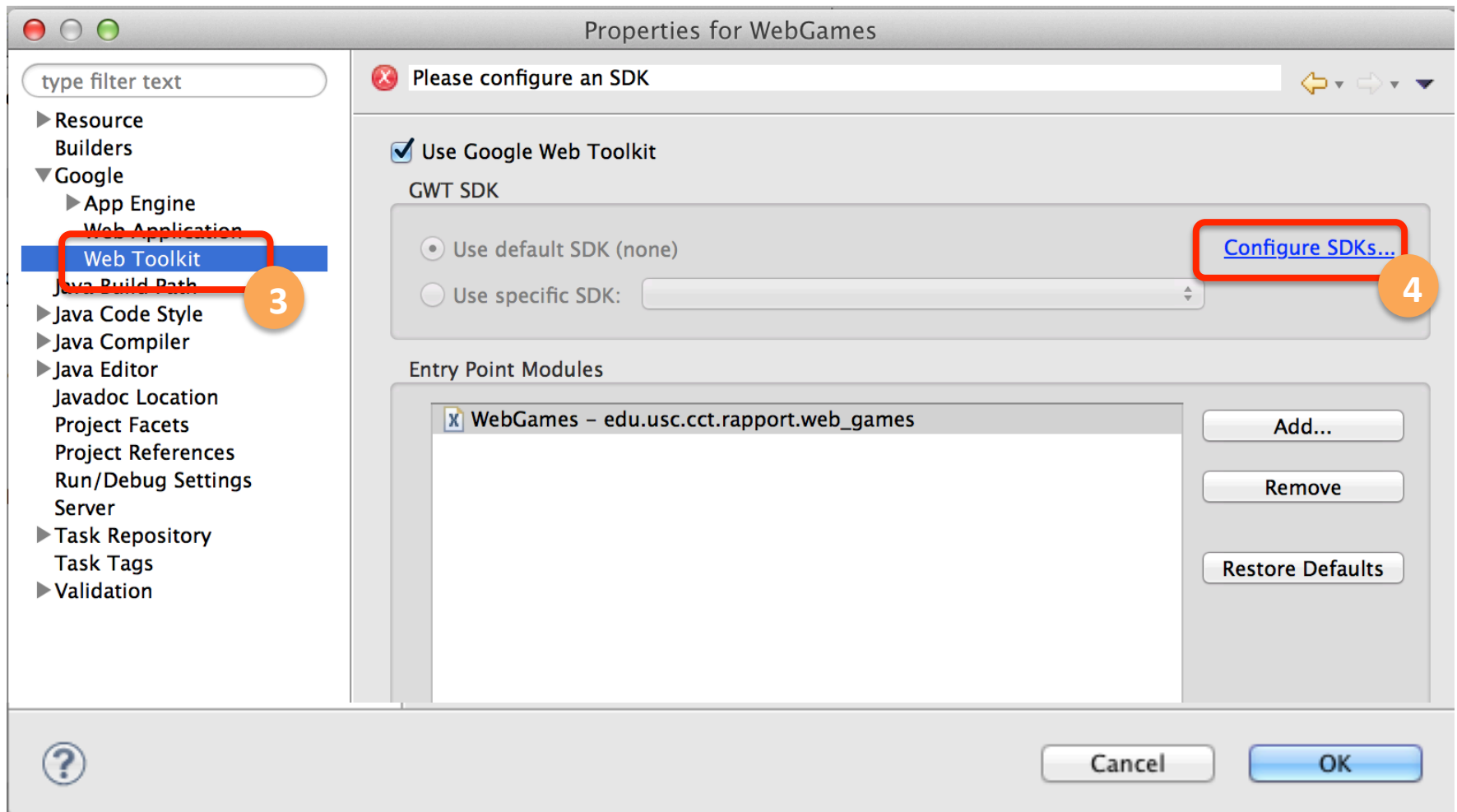
>> <http://dl.google.com/eclipse/plugin/4.2>



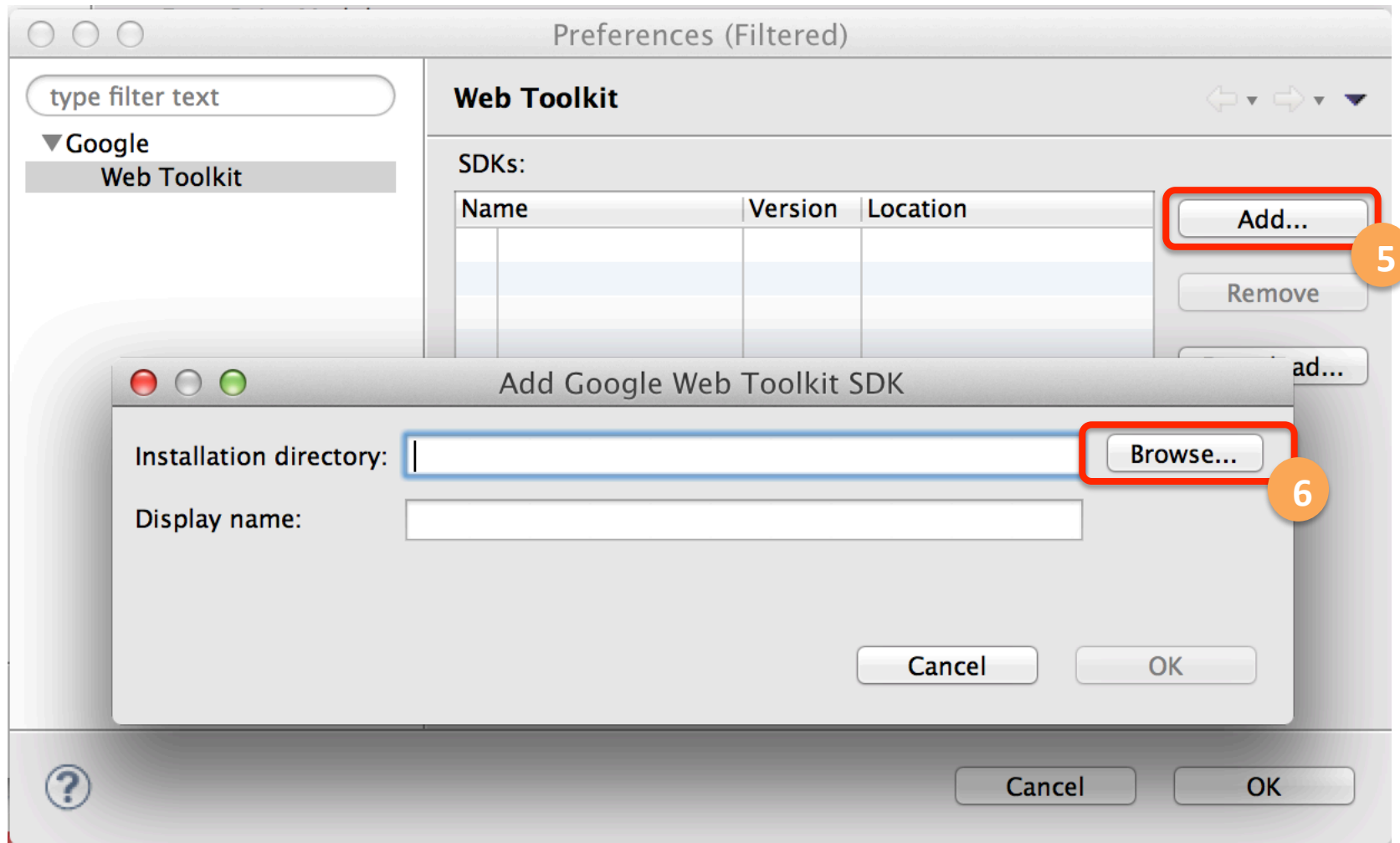
Setup GWT Library



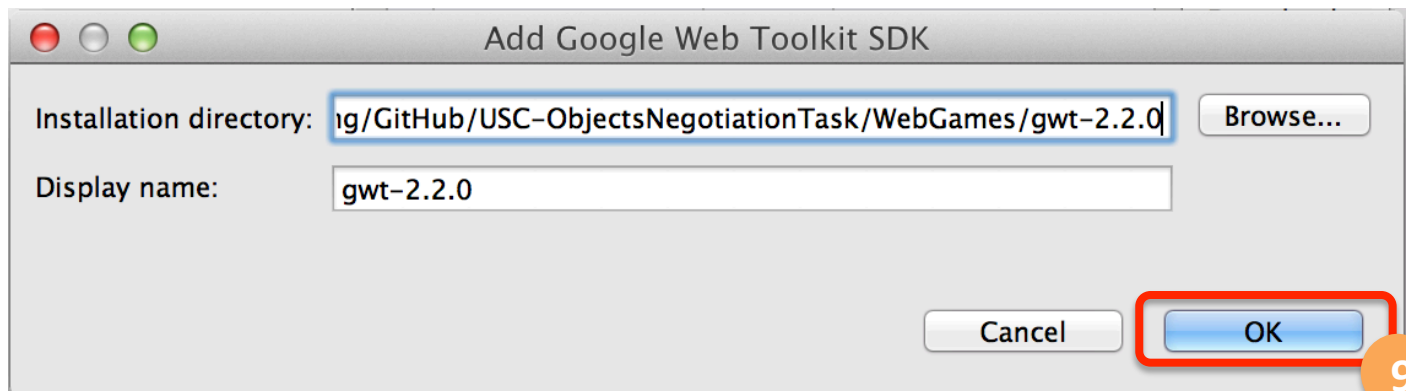
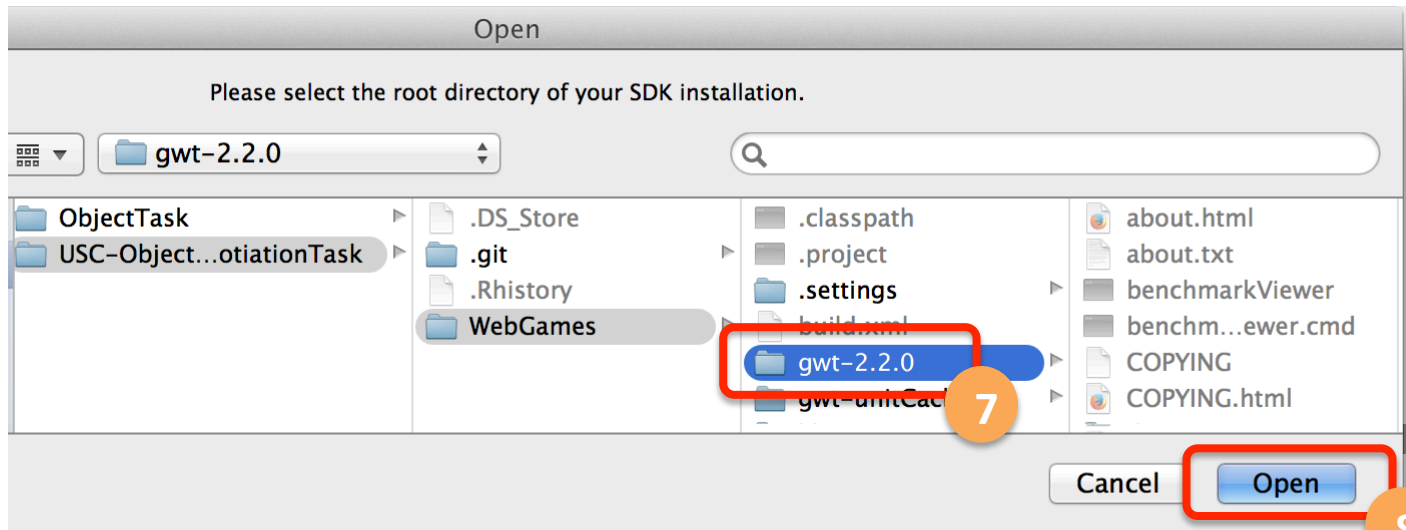
Setup GWT Library



Setup GWT Library



Setup GWT Library



Setup GWT Library

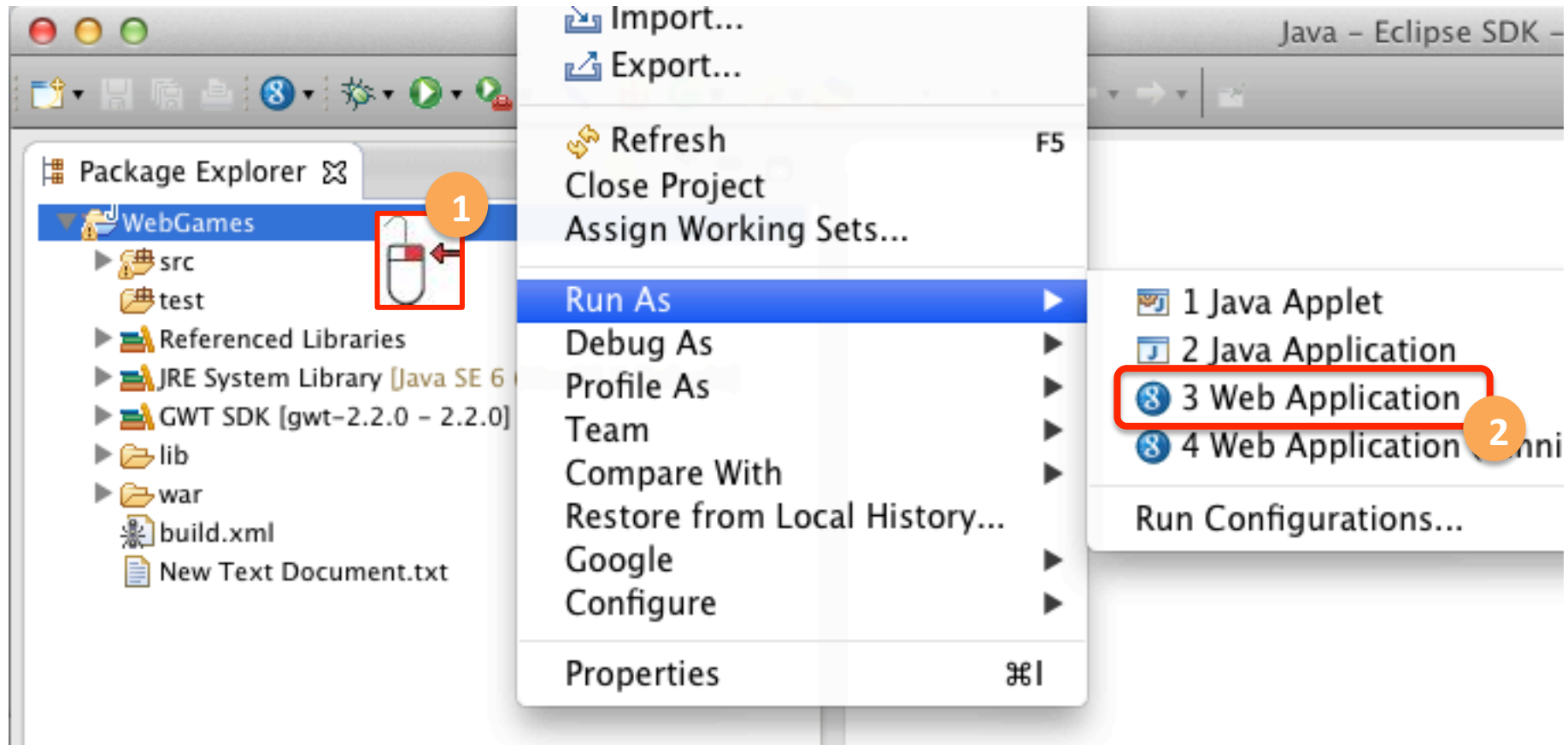


The screenshot shows the Eclipse IDE's 'Preferences (Filtered)' dialog. The left sidebar shows a tree view with 'Google' expanded and 'Web Toolkit' selected. The main panel is titled 'Web Toolkit' and contains the following sections:

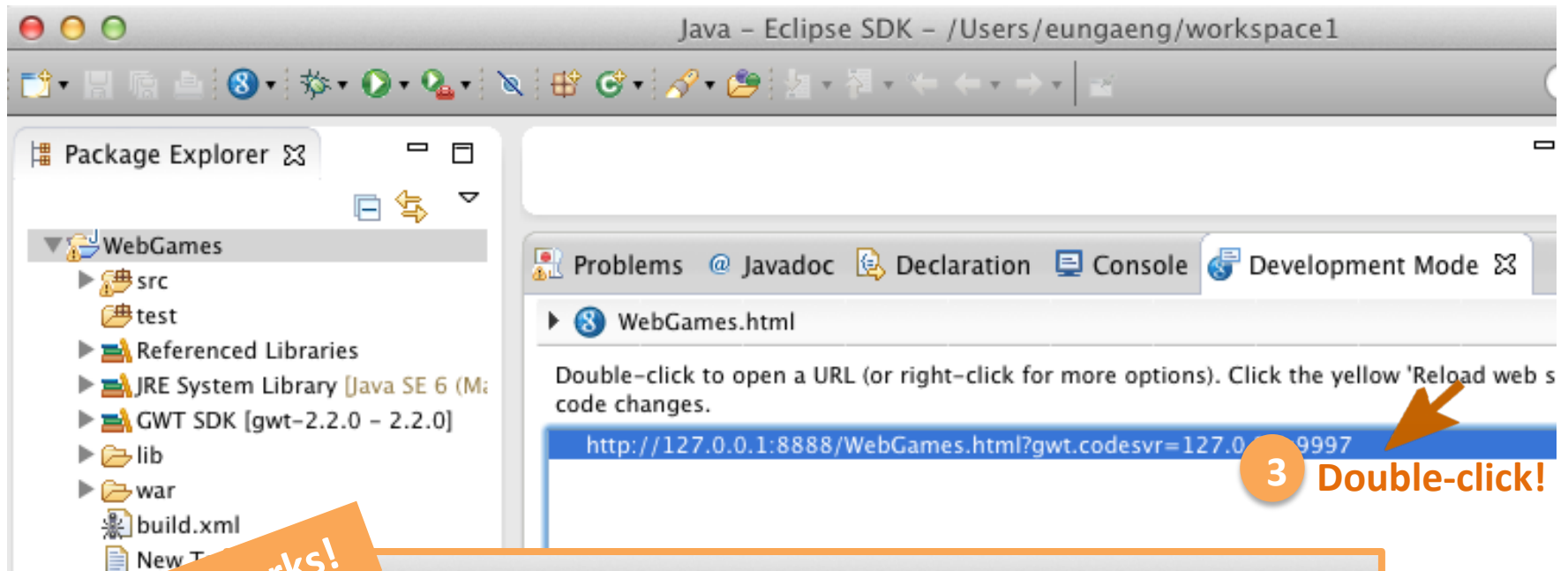
- SDKs:** A table with columns 'Name', 'Version', and 'Location'. It contains one entry: 'gwt-2.2.0' with version '2.2.0' and location '/Users/eunkyoung/GitHub'. To the right of the table are buttons 'Add...', 'Remove', and 'Download...'. The 'OK' button at the bottom right of this section is highlighted with a red box and an orange circle containing the number 10.
- Use default SDK (gwt-2.2.0 - 2.2.0)**: A radio button that is selected.
- Use specific SDK:** A radio button that is unselected, followed by a dropdown menu showing 'gwt-2.2.0 - 2.2.0'.
- Entry Point Modules:** A list box containing 'WebGames - edu.usc.cct.rapport.web_games'. To the right are buttons 'Add...', 'Remove', and 'Restore Defaults'.

At the bottom of the dialog, the 'OK' button is highlighted with a red box and an orange circle containing the number 11.

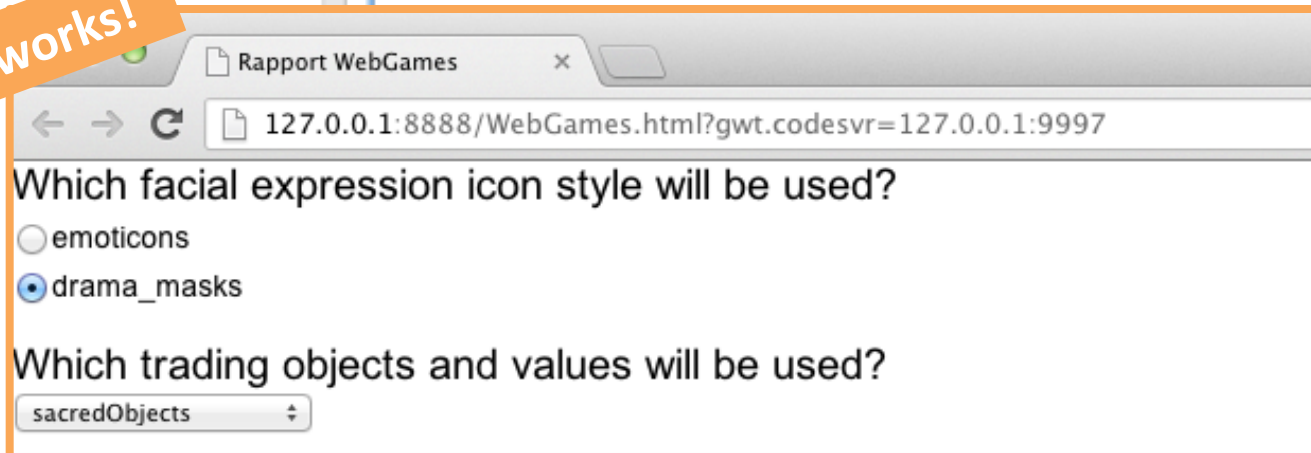
Test Code Locally



Test Code Locally



It works!



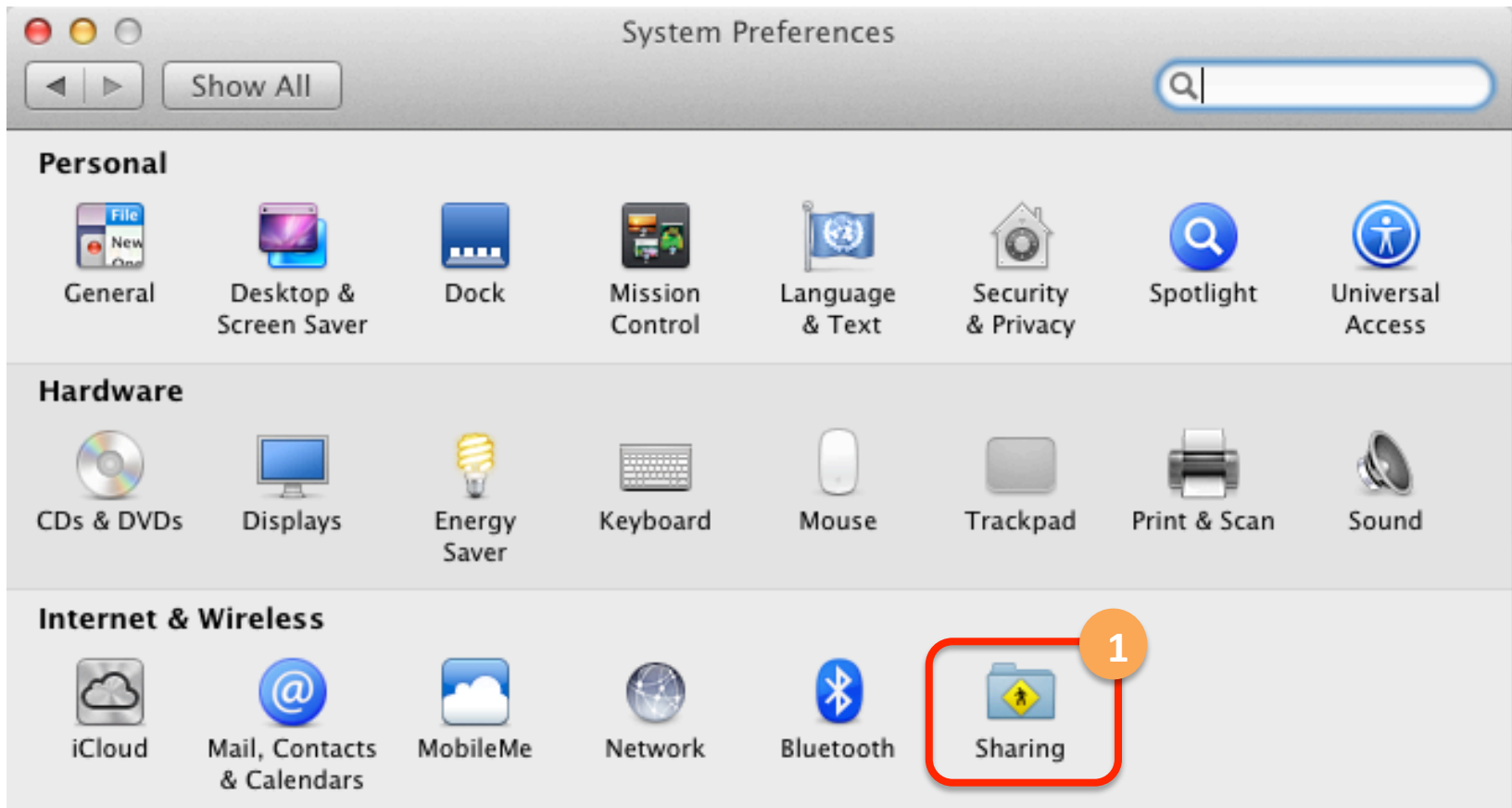


Testing on the
Local Server

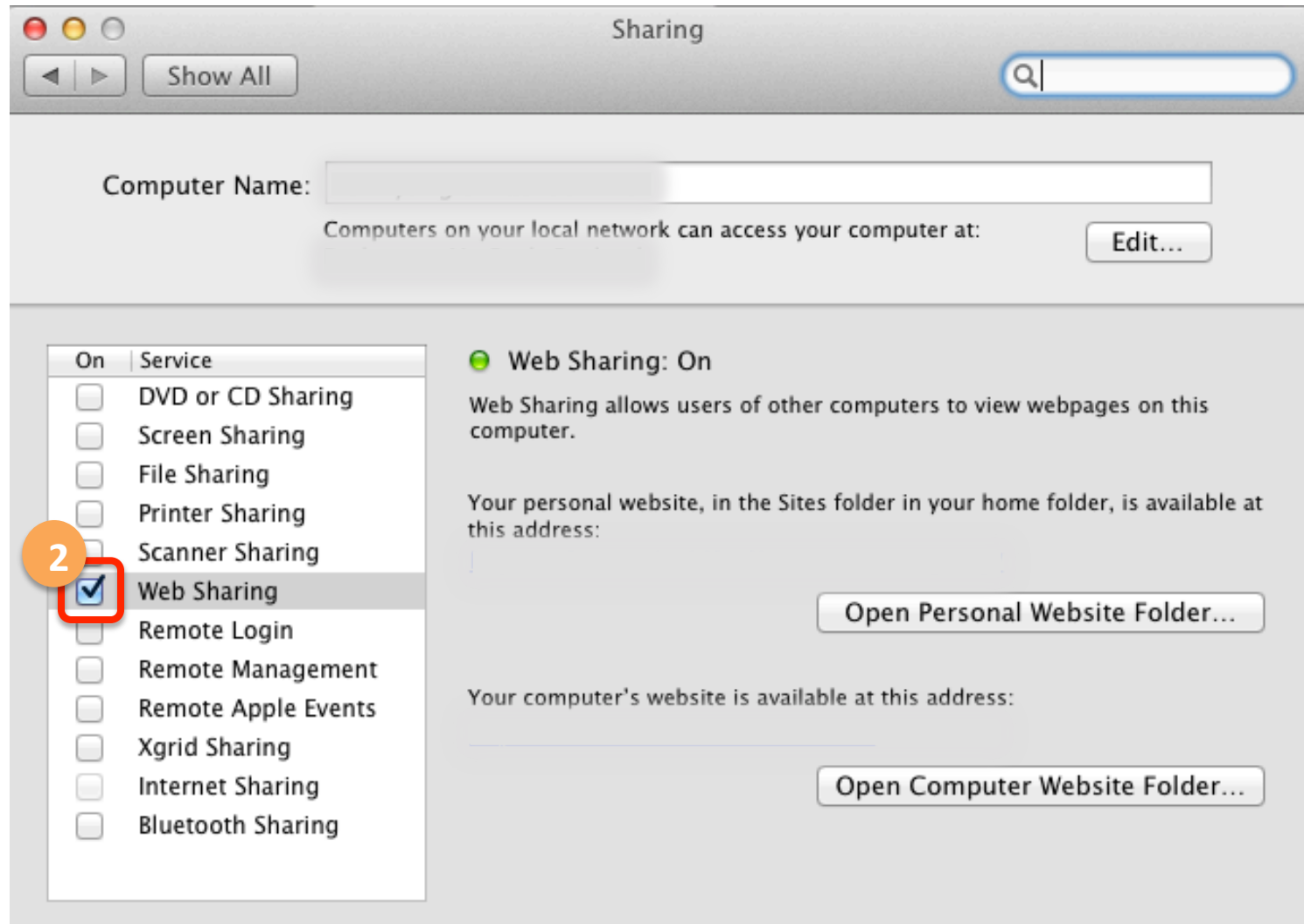
Tomcat Installation



- Open 'System Preferences'



Tomcat Installation



Tomcat Installation



- Download Apache Tomcat:
<http://tomcat.apache.org/download-70.cgi>
- Unzip downloaded Tomcat under the root directory
- Set its access rights using Terminal
: `chmod +x /tomcat/bin/*.sh`
- Start Tomcat server using Terminal

A terminal window titled "bin — bash — 89x10" showing the following commands and output:

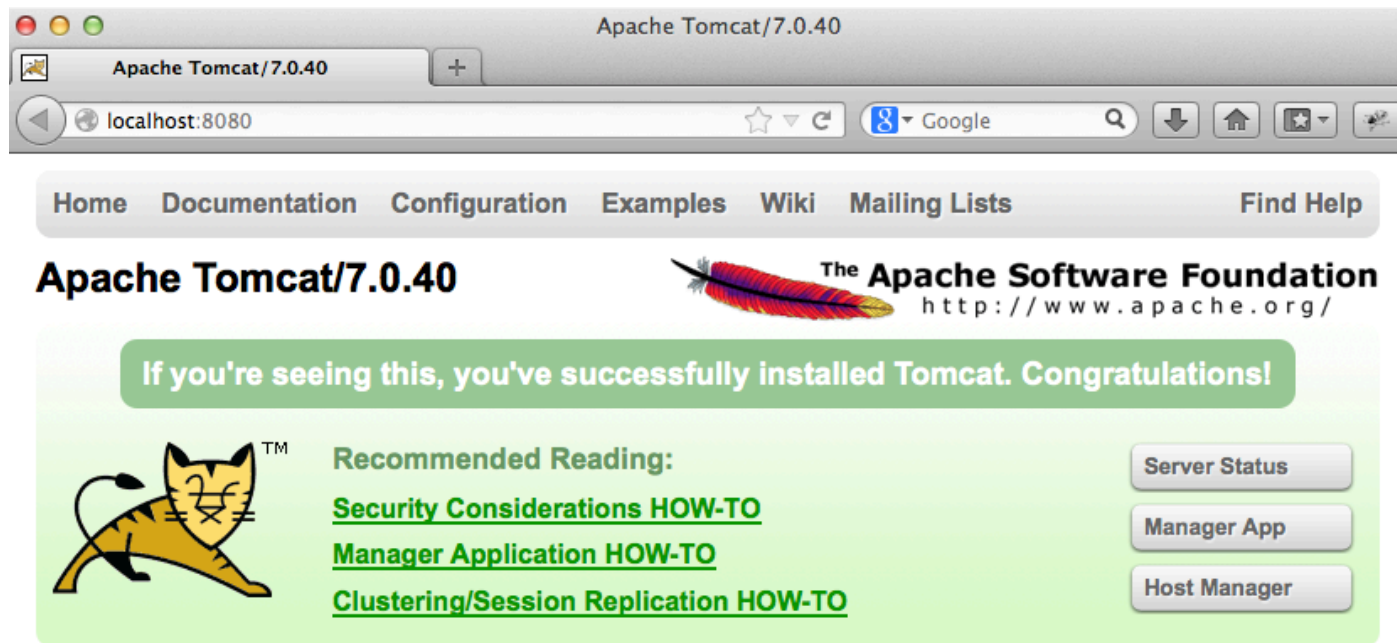
```
guest-wireless-nup-198-147-123-228:/ eungaeng$ cd tomcat/bin
guest-wireless-nup-198-147-123-228:bin eungaeng$ pwd
/tomcat/bin
guest-wireless-nup-198-147-123-228:bin eungaeng$ sh startup.sh
Using CATALINA_BASE:   /tomcat
Using CATALINA_HOME:   /tomcat
```

Two red boxes highlight the commands `cd tomcat/bin` and `sh startup.sh`, which are numbered 1 and 2 respectively in orange circles.

Tomcat Installation



- Open an internet browser and connects to <http://localhost:8080>

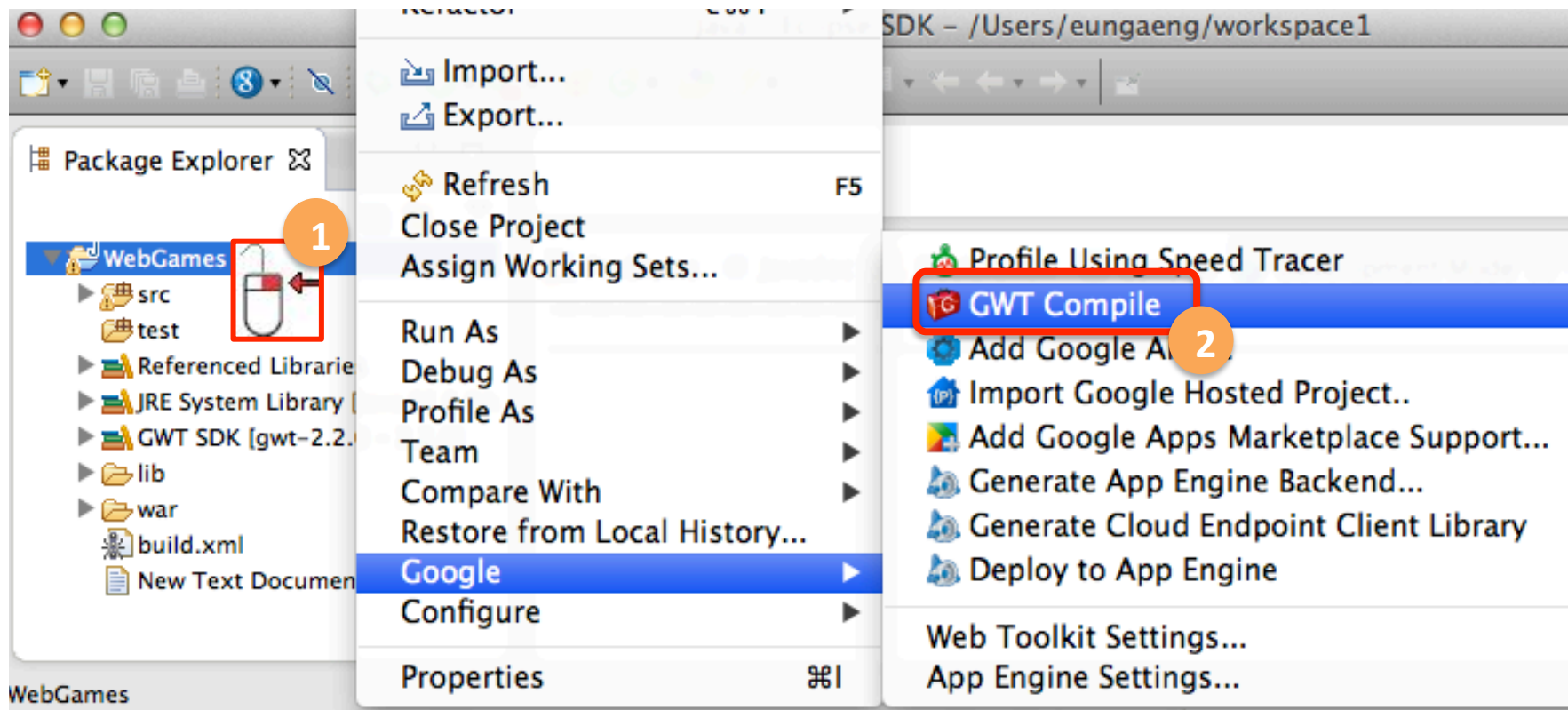


- If you can see the above page, Tomcat is working

Testing on the Local Server



- Back to Eclipse,

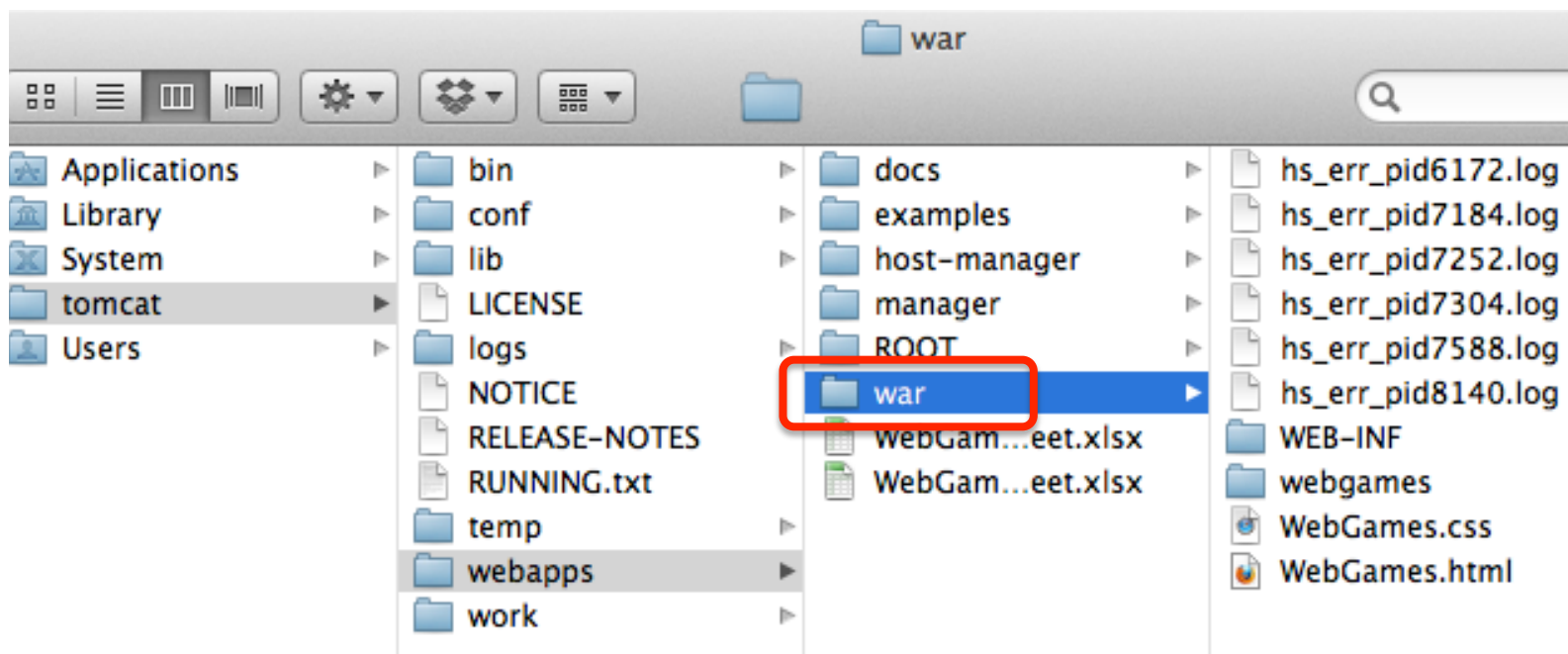


- This generates 'war' folder under the project directory

Testing on the Local Server



- Copy the 'war' folder under the project and paste it under /tomcat/webapps/



Testing on the Local Server



- Open an internet browser and connects to <http://localhost:8080/war/>

It works!

Rapport WebGames

localhost:8080/war/

Which facial expression icon style will be used?

☐ emoticons

☒ drama_masks

Which trading objects and values will be used?

sacredObjects

What is the lack of a deal worth to the counterpart?

32

What is the lack of a deal worth to the experiment participant?

50

☐ Are the counterpart BATNA non-deal and diagrammed deal values visible to the player?

☐ Is the counterpart's payoff matrix visible to the player?

☒ Is the counterpart's emotion expression visible to the player?

Testing on the Local Server



- After running a test game, you can see the results under
 - /tomcat/webapps/WebGames-multisheet.xlsx
 - /tomcat/webapps/WebGames-unisheet.xlsx
- Close Tomcat server using Terminal

```
bin — bash — 89x10
guest-wireless-nup-198-147-123-228:/ eungaeng$ cd tomcat/bin
guest-wireless-nup-198-147-123-228:bin eungaeng$ pwd
/tomcat/bin
guest-wireless-nup-198-147-123-228:bin eungaeng$ sh shutdown.sh
Using CATALINA_BASE:   /tomcat
Using CATALINA_HOME:   /tomcat
Using CATALINA_TMPDIR: /tomcat/temp
Using JRE_HOME:        /System/Library/Java/JavaVirtualMachines/1.6.0.jdk/Contents/Home
Using CLASSPATH:       /tomcat/bin/bootstrap.jar:/tomcat/bin/tomcat-juli.jar
guest-wireless-nup-198-147-123-228:bin eungaeng$
```

The terminal window shows the process of stopping the Tomcat server. The first command, `cd tomcat/bin`, is highlighted with a red box and a circled '1'. The second command, `sh shutdown.sh`, is also highlighted with a red box and a circled '2'. The output of the `shutdown.sh` command shows the various paths used by Tomcat, including `CATALINA_BASE`, `CATALINA_HOME`, `CATALINA_TMPDIR`, `JRE_HOME`, and `CLASSPATH`.



Yay ~

Good luck!

