

**WA2572 Introduction to
Responsive Web Development for
Mac**

Classroom Setup Guide

Web Age Solutions Inc.

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Part 1 - Minimum Hardware Requirements

- Any Mac capable of running OS X El Capitan
- 2 GB RAM minimum
- Internet

Part 2 - Minimum Software Requirements

- OS X El Capitan
- Safari (latest)
- Mozilla (latest)
- Chrome (latest)
- Adobe Acrobat Reader
- Apache HTTP Server 2.4
- Brackets 1.7 *

* - indicates software provided as part of the courseware.

Part 3 - Software Provided

You will receive the following file:

- **WA2572.ZIP**

All other software listed under Minimum Software Requirements is either commercially licensed software that you must provide or software that is freely available off the Internet.

Part 4 - Instructions

__1. Log in under the user account that will be used during the class. Make sure a user with administrative privileges is used.

__2. Extract the **ZIP** file to users home folder.

__3. Review that the following folders were created under the users home folder:

- **LabFiles**
- **Software**

__4. Review that the following files were created:

- **Software/Brackets.Release.1.7.dmg**

Part 5 - Configuring Apache 2.4

__1. Log in under the user account that will be used during the class.

__2. Open a terminal window (Finder → Go → Utilities → Terminal)

__3. Backup your apache config (you can restore this file after the course is over) by entering the following into the terminal window:

```
sudo cp /etc/apache2/httpd.conf /etc/apache2/httpd.conf.backup
```

__4. Now edit the apache config file:

```
sudo nano /etc/apache2/httpd.conf
```

__5. Scroll down until you find the line that starts with the DocumentRoot directive. Change it as follows. Also change the line after it <Directory... (use your user instead wasadmin)

```
DocumentRoot "/Users/wasadmin/htdocs"  
<Directory "/Users/wasadmin/htdocs">
```

Make sure to enter your username as for example:

```
DocumentRoot "/Users/User1Mac/htdocs"  
<Directory "/Users/User1Mac/htdocs">
```

__6. Scroll down until you find the following Include directives. Ensure that they are commented out by inserting a # at the front of the line. The lines may be separate. Search the entire file for each. If these lines do not exist, skip to the next step.

```
# Include /private/etc/apache2/extra/httpd-mpm.conf  
# Include /private/etc/apache2/other/*.conf
```

__7. Save and Exit (Press ctrl X then Y. Press enter to overwrite the file)

__8. Now create the htdocs folder and allow read permissions.

```
mkdir ~/htdocs
```

```
chmod a+r ~/htdocs
```

__9. Finally, create a test index.html file

```
echo '<html><body><h1>It works!</h1></body></html>' >
~/htdocs/index.html
```

__10. Restart Apache by entering the following into the terminal window.

```
sudo apachectl restart
```

__11. Open a web browser and type:

```
http://localhost
```

__12. Verify you see the message: **It works!**



Apache HTTP Server 2.4 is configured.

Part 6 - Download and Install Chrome for Mac

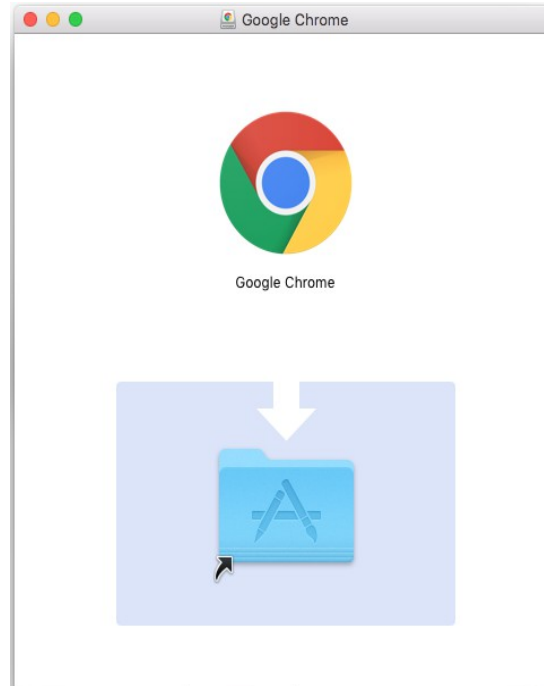
__1. Open Safari and navigate to the following site:

```
https://www.google.com/chrome
```

__2. Click the **Download now** button to download Chrome for Mac.

__3. From your downloads folder open the **googlechrome.dmg** file.

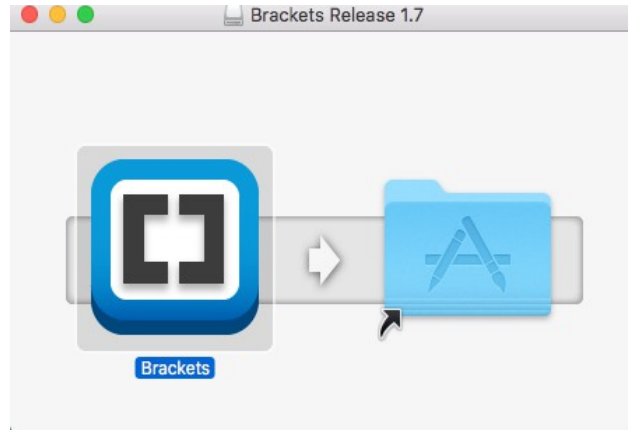
__4. Now drag and drop the Google Chrome icon down to the Applications folder within the window.



- __5. Google Chrome will install in your applications folder.
- __6. Open your applications folder in Finder and launch Google Chrome.
- __7. You may receive a warning that the application was downloaded from the internet. You can safely proceed by clicking Open.
- __8. Close all web browsers.

Part 7 - Install Brackets 1.7

- __1. Open Finder and navigate to the **Software** folder under your home folder.
- __2. Double click the **Brackets.Release.1.7.dmg** file.
- __3. Drag and drop the Brackets icon to the Applications folder in the window.



__4. Wait for it to copy. Now open your Applications folder in Finder.

__5. Open Brackets.

__6. You may receive a warning that the application was downloaded from the internet. You can safely proceed by clicking Open.

__7. Brackets will open. You can close it.

Part 8 - Summary

You have successfully installed the software for this course!

If you have any question please contact us by email at support@webagesolutions.com

From US and Canada call: 1-877-812-8887 ext. 26

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