Jae Jun 123005800

Malcolm Carr 223009747

Joaquin Guerrero 623005458

CSCE 489 – 502 (Scripting Language)

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Web IDE Selected : Sublime Text

[jaeyoungjun@tamu.edu](mailto:jaeyoungjun@tamu.edu)

[malcolmcarr@tamu.edu](mailto:malcolmcarr@tamu.edu)

[joaguerrero@tamu.edu](mailto:joaguerrero@tamu.edu)

**IDE Discovery**

**Product Name**

- Sublime Text

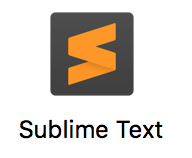
**OS Options**

- It is available with Mac OS / Window / Linux.

**How much does it cost?**

- It is free for Sublime Version 2, but if you want to upgrade to version 3 or 4, you have to purchase the license. It is cost $80.00 per user. If you have a license from 2012 or earlier, you can upgrade to the version 3 license at a discounted rate.

**Installing**

- <https://www.sublimetext.com/> This is a main page of sublime text. Click the Download Page on the top of the menu. You can choose your OS, in our team case, we are using Mac OS. If you click the OS X, you can download dmg file. When you run the file, it is automatically installed in your computer.  This is the icon after installation.

**Debugging /Testing Features**

- Sublime Text does not have Debugging features originally, but you can install optional. There are bunch of Debugging features. One of them is Xdebug. However, as we use web development, we compile the file by Chrome. Also, Chrome has a Developer Inspection Tool. Our team use this for debugging and testing.

**FTP(file transferring) abilities**

- For the file transferring, Sublime Text has a Github plugin. You can download and install it through Package Control, <https://packagecontrol.io/>. It enables abbreviations for typing html and css selectors, the ability to quickly wrap code in new tags, traverse, comment quickly, and fully customize.

**Good/Bad/Uglies about the IDE**

- The Big strength of Sublime is that it is a light tool. Also, Sublime’s package support is very simple and easy to install. It also helps to stay focused on the relevant file for what developer need. Being able to search for a file and across files is fast and easy. As a result, Sublime is faster and lighter.

**Available Training**

- There are bunch of resources about training Sublimes, I would like to introduce resources that I used for learning Sublime Text.

1. <https://www.tutorialspoint.com/sublime_text/index.htm>, This link teaches you the key points of Sublime Text sources. From Installation to Customizing.

2. <https://www.youtube.com/watch?v=zIkg3Oo1PVM>, This is Youtube link for learning Sublime Text. This is only 15 min video, but very helpful how to use Sublime Text.

**Ease of Use**

Sublime Text has several features that provide great ease of use or power.

Auto-Completion

- It figures out what you are typing and completes it for the developer. This can save time and typing, as well as making the developer’s work more accurate.

Quickly Insert Text & Code with Sublime Text Snippets

- Sublime Text makes it easy to quickly insert code snippets that you define.

Select Multiple Lines, Words, and Columns

- If you want to quickly comment out the multiple code lines, You can do this manually, but Sublime Text makes it easy to automate the task.

**Final Decision**

As a result, Sublime Text has many good features and stull fast and light. This is why Sublime is top three IDE for the developers in the world. Most of all, we have experience to use Sublime Text for few years, so it is familiar for our team. That is why we picked Sublime Text for IDE of our project.