



DNN & Macs

Not quite oil and water

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10 POUND gorilla

Web Development

Internet Marketing

SEO & Adwords

Social Media

Email Marketing

Graphic Design

Working World-Wide with DNN Since 2003

CASSIDI
founder



DUSTIN
director



BOB
manager



LEE
designer/dev



BEN
designer/dev



MARK
technical manager



JONATHAN
sales



KEVIN
dev



AARON
software dev



Ways To Develop

Remote



Local



Local Requirements

DNN Uses ASP.Net



ASP.Net must run on
Windows Server

Locally

Advantages

- Changes reflect immediately
- Easy to use CSS preprocessors & minify code
- Use of version control
- Intellisense (Visual Studio)

Disadvantages

- Requires running a virtual machine.
- Install of Windows
- Setup IIS
- Install DNN

Remotely

Advantages

- No virtual machine
- Minimal setup

Disadvantages

- Changes require uploading
 - Additional step for CSS Preprocessor builds & minifying code.
- No version control



The answer to everything!

Sublime Text has a powerful, Python based plugin API.
Because of this, there are many very useful plugins
available.

Stuff



Package
Control



Sublime SFTP



DNN Sublime
Text Snippets



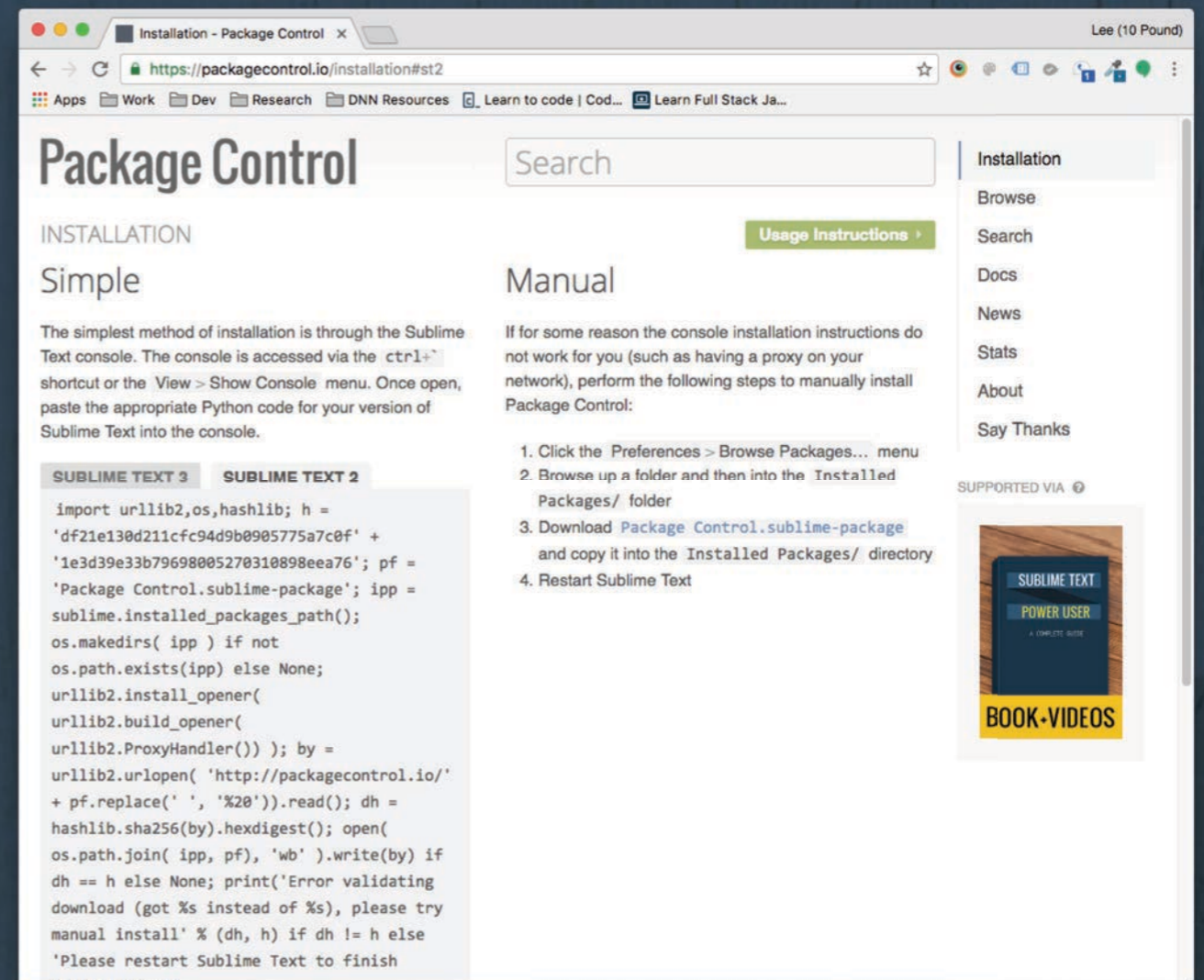
Package Control

Package Control allows us to easily install and update plugins for Sublime Text

Initially installing it is easy.

From the install page:
<https://packagecontrol.io/installation>

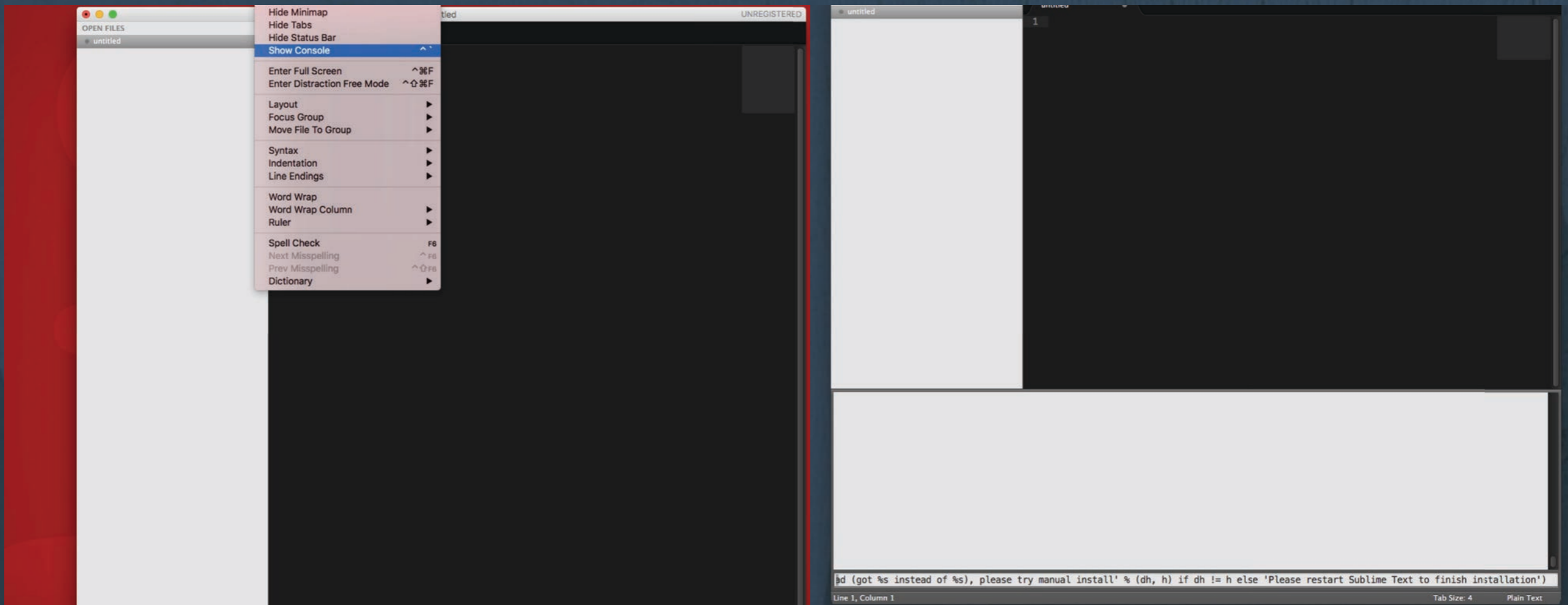
Choose which version of Sublime Text you are using. Then copy the proved code



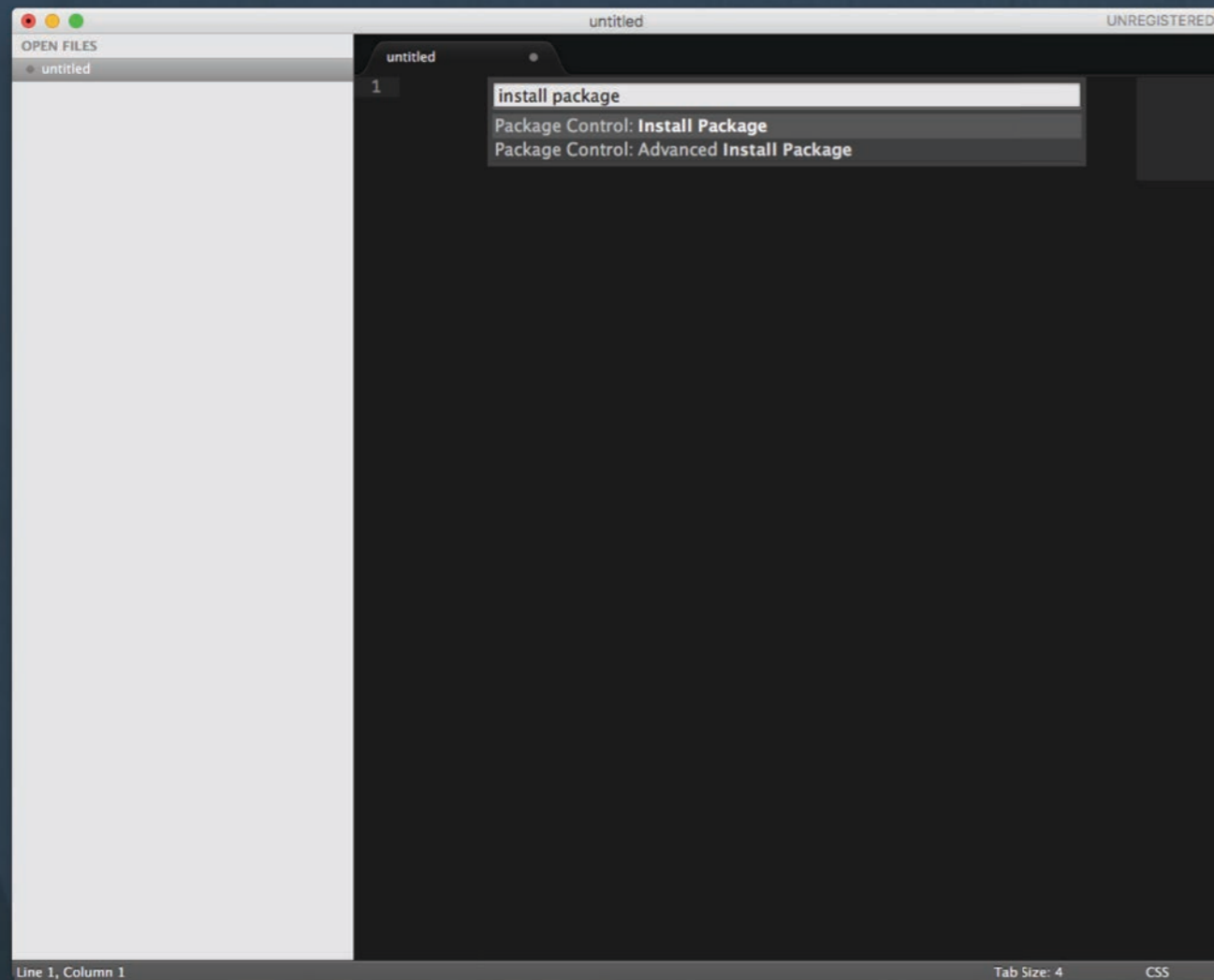
Sublime Console

You can view the console by pressing `ctrl+`` or from the view menu at the top.

Then paste the code provided from the package control site.



Install Packages



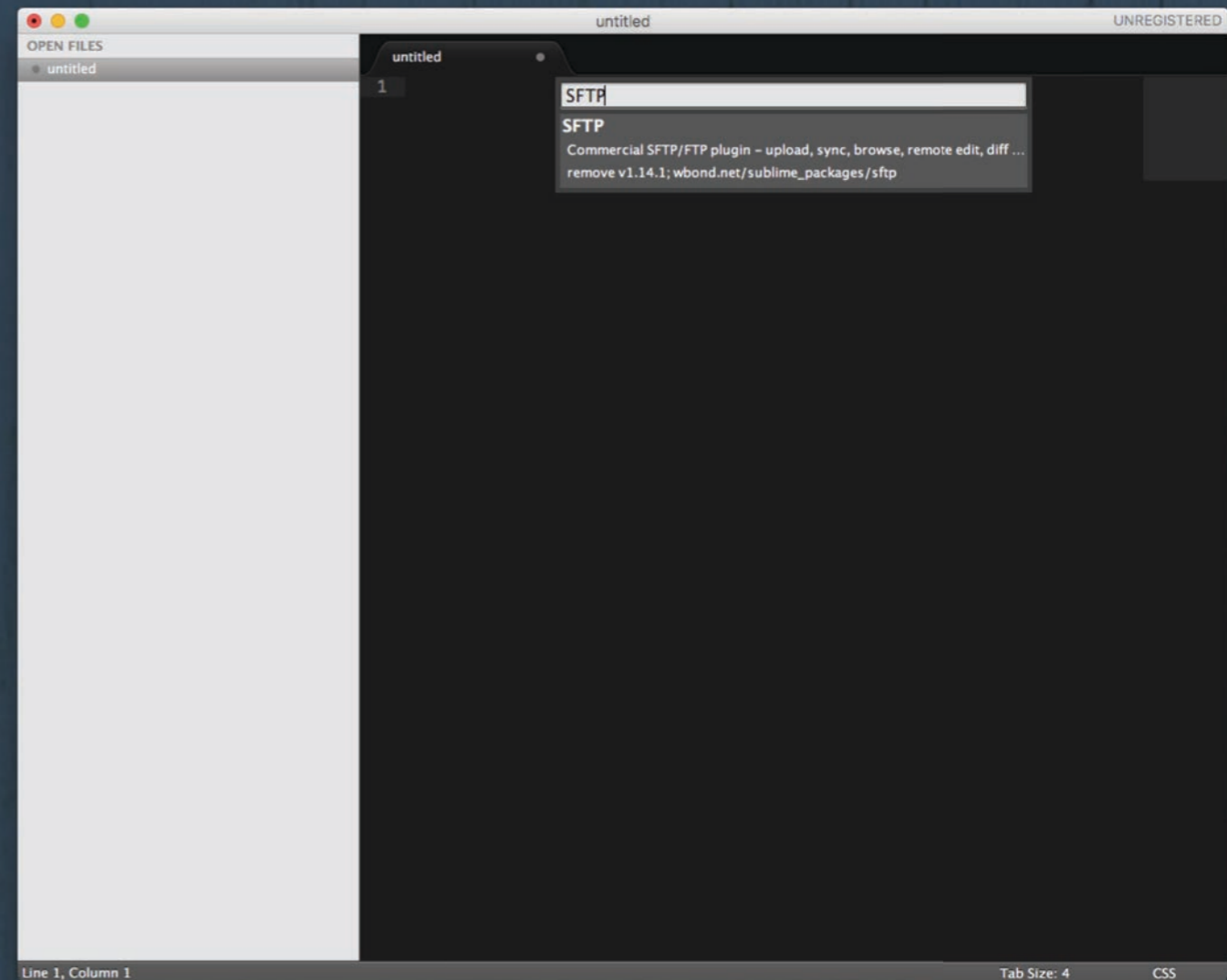
To install new packages you will need to open the package Control by pressing `Cmd + Shift + P` then choose the option "Package Control: Install Package"

Tip:

You can just start typing and it will filter down you options so you can start typing "Install Package" and hit enter whenever it is selected

SFTP Plugin

Installing the SFTP package is very simple. After bringing up the Package Control and choosing “Install Package”, simply type “SFTP” and choose the plugin.

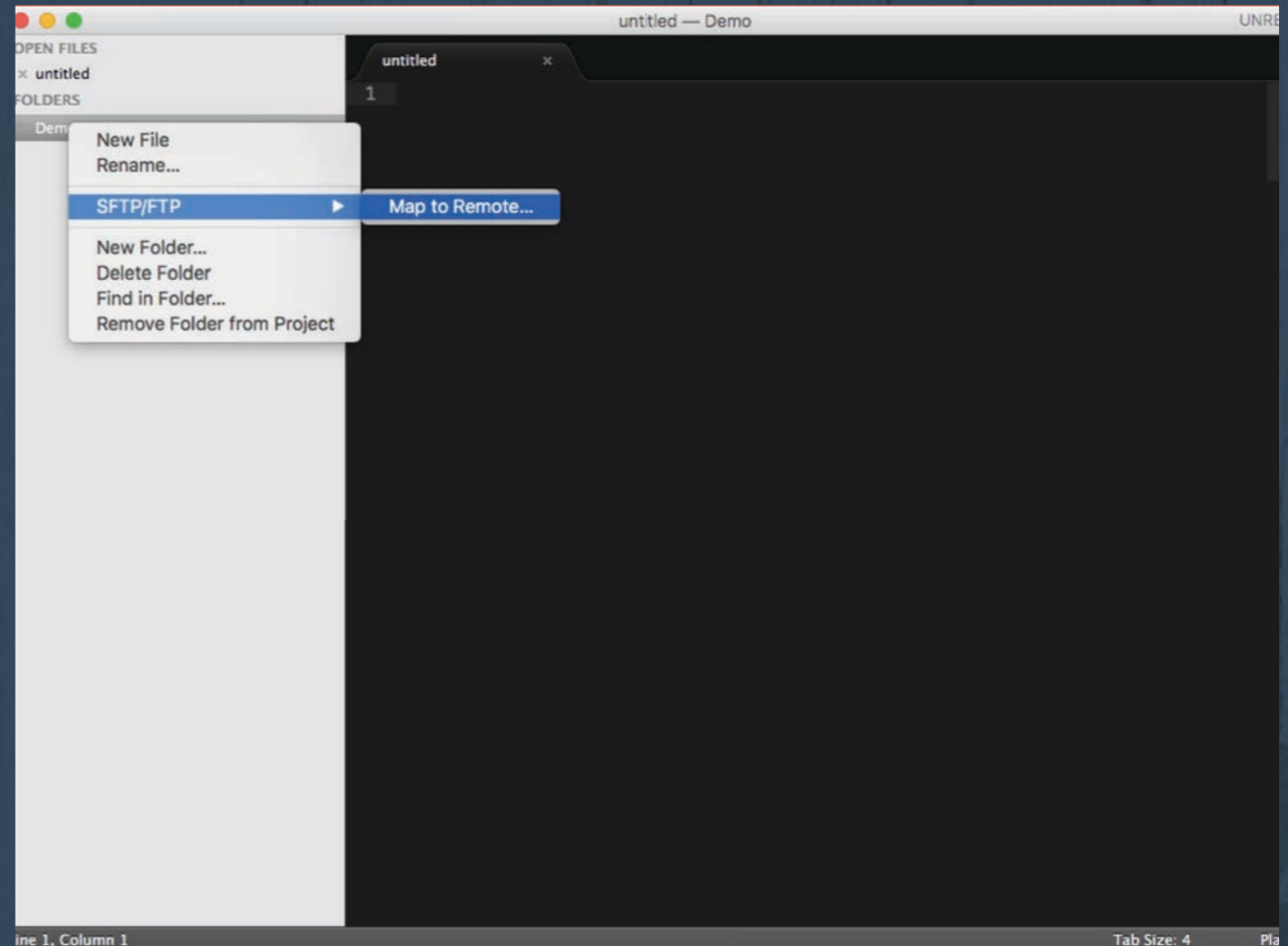


Map To Remote

Mapping directories connects your local folders to remote ones. It uses a json config file to define the server credentials.

To do this you will need to open the directory containing your code in Sublime. You can choose “Open” from the menu above and navigate to your working directory or simply drag the folder into Sublime.

Once this directory is in the sidebar, right click on the folder and choose SFTP/FTP > Map To Remote...

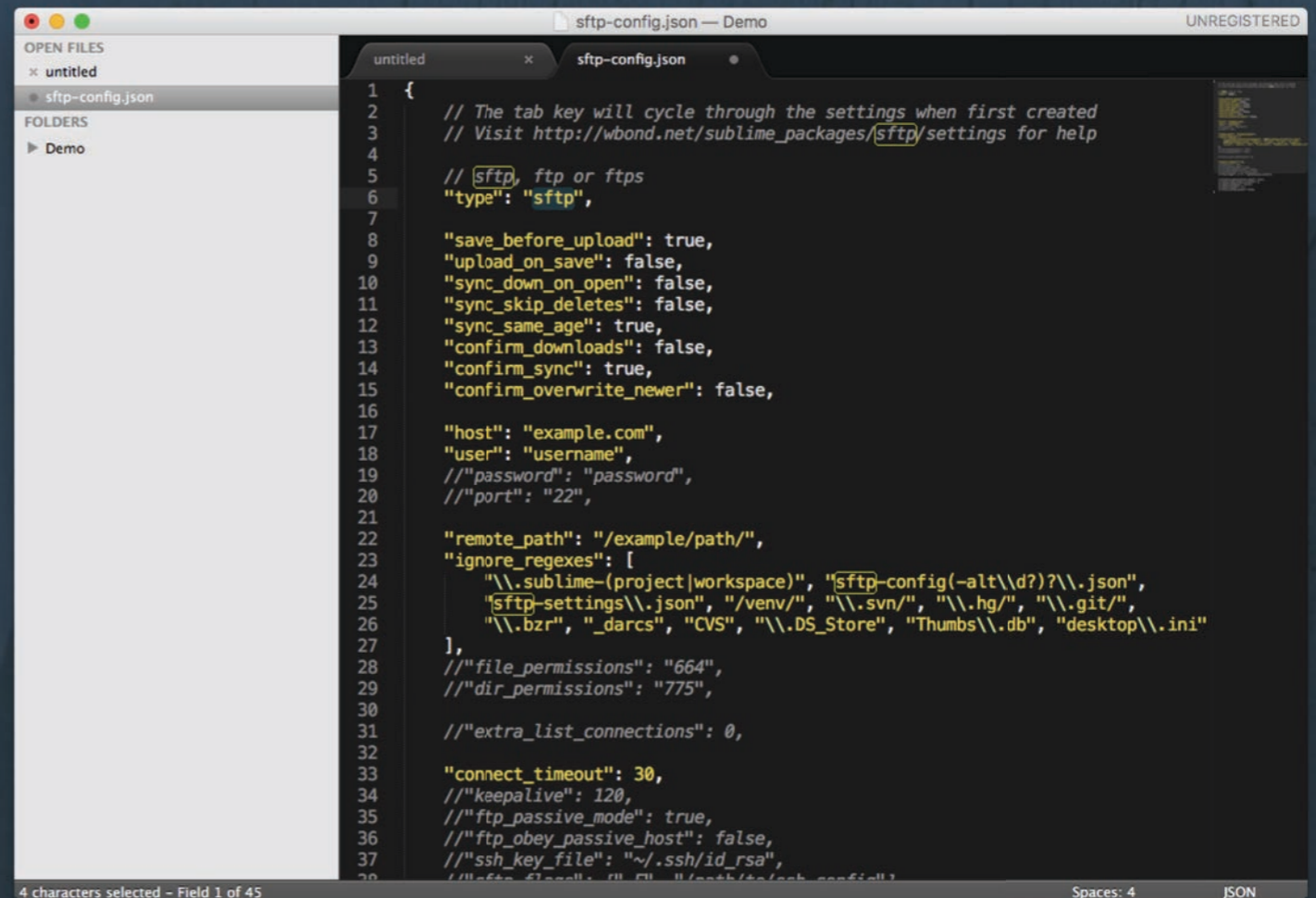


Configuration

Configure your directory mapping with a simple JSON file that is automatically created for you. Just change the settings for your needs.

Tip:

Be sure to set "upload_on_save" to "true", this way your changes are automatically pushed to the server.

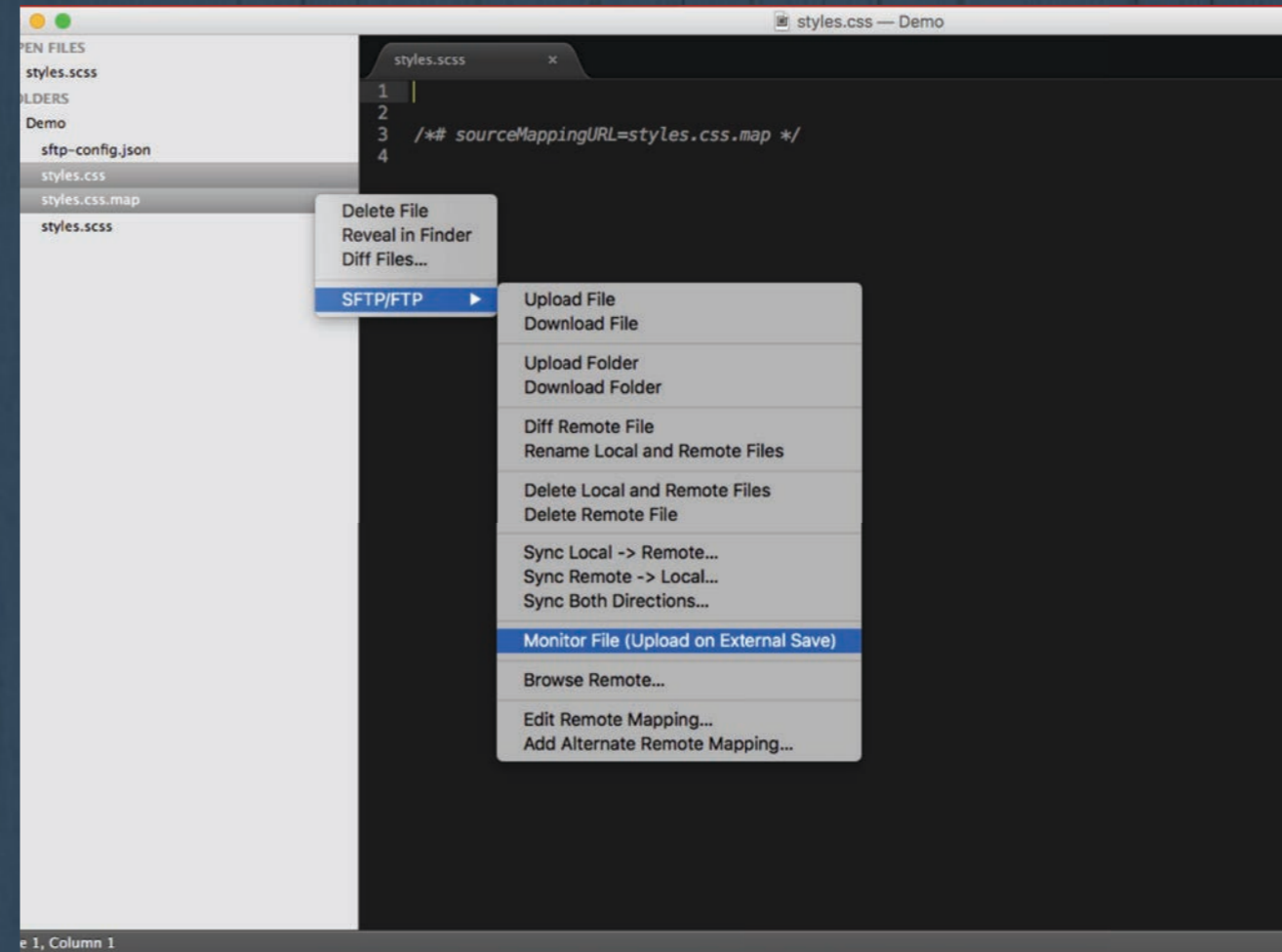
A screenshot of a code editor window titled "sftp-config.json — Demo". The editor shows a JSON configuration file for SFTP. The left sidebar has a file explorer with "OPEN FILES" (showing "untitled" and "sftp-config.json") and "FOLDERS" (showing "Demo"). The main editor area displays the JSON content with line numbers 1 through 39. The status bar at the bottom indicates "4 characters selected - Field 1 of 45", "Spaces: 4", and "JSON".

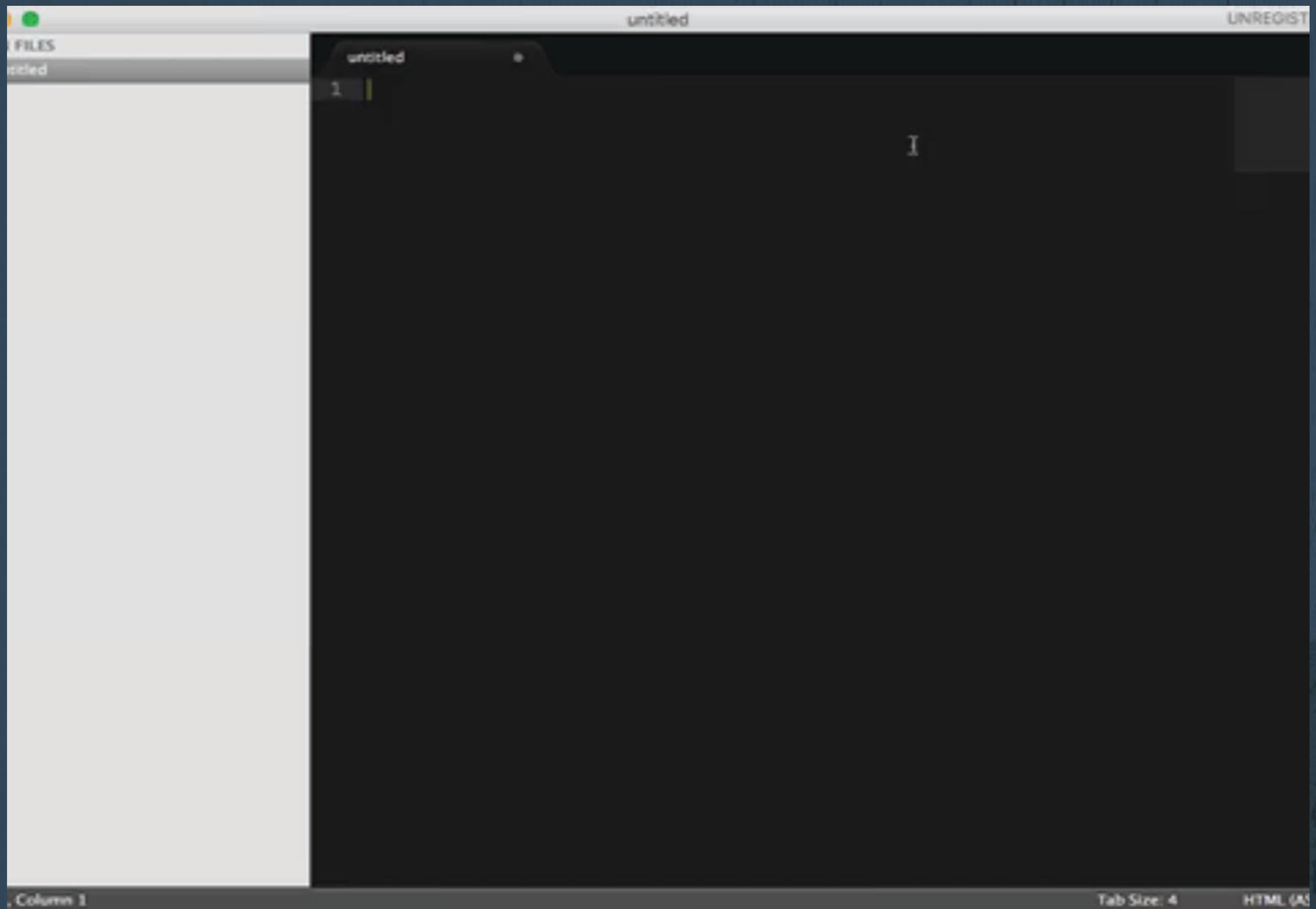
```
1 {
2   // The tab key will cycle through the settings when first created
3   // Visit http://wbond.net/sublime\_packages/sftp/settings for help
4
5   // sftp, ftp or ftps
6   "type": "sftp",
7
8   "save_before_upload": true,
9   "upload_on_save": false,
10  "sync_down_on_open": false,
11  "sync_skip_deletes": false,
12  "sync_same_age": true,
13  "confirm_downloads": false,
14  "confirm_sync": true,
15  "confirm_overwrite_newer": false,
16
17  "host": "example.com",
18  "user": "username",
19  // "password": "password",
20  // "port": "22",
21
22  "remote_path": "/example/path/",
23  "ignore_regexes": [
24    "\\sublime-(project|workspace)", "sftp-config(-alt\\d?)?\\.json",
25    "sftp-settings\\.json", "/venv/", "\\svn/", "\\hg/", "\\git/",
26    "\\bzip", "_darcs", "CVS", "\\DS_Store", "Thumbs\\.db", "desktop\\.ini"
27  ],
28  // "file_permissions": "664",
29  // "dir_permissions": "775",
30
31  // "extra_list_connections": 0,
32
33  "connect_timeout": 30,
34  // "keepalive": 120,
35  // "ftp_passive_mode": true,
36  // "ftp_obey_passive_host": false,
37  // "ssh_key_file": "~/.ssh/id_rsa",
38  // "ssh_key_passphrase": "",
39  // "ssh_host": "127.0.0.1"
```

Monitor Files

Set any file(s) to be uploaded any time there is a change. This is perfect for use with CSS preprocessors that are changed but technically don't fire a save event that would automatically upload the file.

This is done simply by right clicking the file(s) that you wish to monitor, then choose "SFTP/FTP > Monitor File (Upload on External Save)"





Code Snippets

Snippets

Snippets allow you to quickly & easily insert short lines of code that maybe aren't worth memorizing but are a pain to look up when you need it.

We've created a great resources of snippets specifically for DNN

- Skin Objects
- Container Objects
- Tokens

<https://github.com/dbaines/DotNetNuke-SublimeText-2-Snippets>

Snippets - Skin Items

- Breadcrumb
- Copyright
- CSS Include
- Current Date
- DDR Menu
- JS Include
- Language
- Link to Full Site
- Link to Mobile Site
- Links
- Login
- Logo
- Meta
- Privacy
- Search
- Terms
- Text
- User

Snippets – Container Items

- Container Content Pane
- Container Icon
- Container Title

Snippets – Current Page Items

- Current Page
- Current Page Icon
- Current Page Keywords
- Current Page Level
- Current Page Name
- Current Page Order
- Current Page Path
- Current Page TabID
- Current Page Title (Not Name)
- Current Page Type
- Current Page Url

Snippets – Portal Items

- Portal
- Portal Directory
- Portal Directory
- Portal Domain Name
- Portal Email
- Portal Id
- Portal Keywords
- Portal Name

Snippets – Current User Items

- User Displayname
- User Email
- User First Name
- User Id
- User Last Name
- User Profile Page Url

Snippets – Other Items

- Is Admin
- Is User Logged In
- Edit Mode
- Is Logged In
- Root Breadcrumb ID
- Admin Page Id
- Admin Page Url
- Home Page Id
- Home Page Url
- Host Page Id
- Host Page Url
- Login Page Id
- Login Page Url
- Profile Page Id
- Profile Page Url
- Register Page Id
- Register Page Url
- Search Results Page Id
- Search Results Page Url
- Splash Page Id
- Splash Page Url
- Path to Current Skin

Snippet Examples

Version Control

By working in this way, a local copy that is automatically uploaded, we can easily utilize version control technologies like Git.

Things To Note

While I enjoy this process and it works for me it does have some catches.

- Having to manually set complied CSS to be monitored is repetitive and annoying.
- Having changes automatically pushed to the server can be an issue if multiple people are working on the same item at the same time
- Potential problems can arise if you are having to work directly on a live server.

Solve Some Problems

What is something that doesn't work?
Something that feels repetitive?
Something that quite be done faster?

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