

Preliminaries

Per our announcements over the past two class sessions, you should already have an OCF web account requested from <https://wiki.ocf.berkeley.edu/membership/>

If you're not using a lab PC, download and install:

1. a SSH tool like PuTTY <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>
2. a FTP client like FileZilla <https://filezilla-project.org/download.php?type=client>
3. a text editor like Notepad++: <http://notepad-plus-plus.org/download/>

Everyone: review the OCF Wordpress setup instructions at: <https://wiki.ocf.berkeley.edu/services/web/wordpress/>

Prepare your environment

First, we'll connect to our OCF web host with an FTP client:

1. Open FileZilla to connect by FTP to your site
 - a. Click the Site Manager icon on the top left
 - b. Click New Site and provide it a name like "ocf"
 - c. Host: `ssh.ocf.berkeley.edu`
 - d. Protocol: SFTP
 - e. Logon Type: Ask for password
 - f. User: your OCF username
 - g. Click the connect button
 - h. Uncheck "remember password" for your security on these shared lab computers
2. Double-click the `public_html` folder

Next, you'll need to set up a MySQL database to contain your Wordpress settings and content.

1. Go to your PC's start menu and open PuTTY
 - a. The host name will be `YourUsername@ssh.ocf.berkeley.edu`
 - b. The port is 22
 - c. The connection type is SSH
 - d. Click 'open'
 - e. PuTTY asks for your OCF account password – when you type it in, you won't see anything. That's normal. Just hit Enter when you're done typing it.
2. At the PuTTY command prompt, type: `makehttp`
3. At the PuTTY command prompt, type: `makemysql`
 - a. Type yes when prompted, then copy down your randomly-generated password somewhere safe
 - b. Keep in mind that you now have 2 passwords: an OCF account password and a MySQL password
4. At the PuTTY command prompt, type: `cd ~/public_html`
5. At the PuTTY command prompt, type: `wp core download`

Set up Wordpress

Now we'll configure Wordpress to work with your new MySQL database:

1. Go to <http://www.ocf.berkeley.edu/~yourusername/>
 - a. Database Name = your OCF username
 - b. User = your OCF username
 - c. Password = your MySQL password
 - d. Host = mysql
 - e. Table prefix = wp_
2. Enter your blog's information, then hit Install Wordpress

Your first blog post

Make your blog your own:

1. Change your Wordpress theme to make it look nicer: Appearance > Themes
2. Delete the default "Hello World" blog post by going to Posts > All Posts and clicking "Trash" under the Hello World blog post.
3. Delete the default "Sample Page" to an About Me page by going to Pages > All Pages
4. Go to the dashboard and click Add an About page → write a short bio
5. Go to the dashboard and click write your first blog post → write a short post on what you hope to learn in CP255
6. Choose manage widgets, then choose manage in customizer. Play around and choose a set of widgets to use on your site.

Useful mysql commands

To access MySQL from the PuTTY terminal, run: mysql

From the MySQL prompt:

View your databases: show databases;
Access one of the databases: use db_name;
Show all the tables in the current database: show tables;
Exit MySQL: quit;
Delete a database (warning – dangerous): drop database db_name;