

Homework – Workflow for Solo Devs and Small Teams – Day 1

1. Write a list of all the problems you'd like to solve. Make sure your “problem” includes:

A description of all the people involved.

A description of what makes the problem “bad”.

A description of what the situation would look like once “fixed”.

2. Start a Command Line cheat sheet that has commands useful to you.

Doing an image search for “linux commands” might give you some good starting places. DO NOT get caught up on creating pretty formatting for your cheat sheet. This is known as “procrastination”.

3. Practice using The Command Line in your web server.

Using only the command line, complete the following tasks:

- Find the file node.module in Drupal core's module directory.
You will need to use the commands ls and cd.
- Download and unpack the module Backup and Migrate.
You will need to use the commands wget and tar.

(Remember: this is on your web server, which is probably not the same as your primary work station.)

4. Getting Started with Vagrant.

<http://vagrantup.com/v1/docs/getting-started/index.html>

1. Download and install Oracle's VirtualBox (<http://www.virtualbox.org/wiki/Downloads>). Note: you do not need to run VirtualBox. Vagrant will take care of that for you.

2. Download and install Vagrant (<http://downloads.vagrantup.com/tags/v1.0.5>).

3. Create your first Vagrant Virtual Environment. Using your work station's “command line” (OSX = terminal; Windows = command prompt), run the following commands:

```
$ vagrant box add lucid32 http://files.vagrantup.com/lucid32.box
$ vagrant init lucid32
$ vagrant up
```

lucid32 is Ubuntu. It will take a while to complete the download.

You can proceed to this step:

<http://vagrantup.com/v1/docs/getting-started/ssh.html>

However, there are some gotchas for Windows that include using putty. Let me know how you do with this step if you're on OSX....