

Working with Wordpress
Introductory Hand-On
Queens College, CUNY
Philip Parzygnat
PMP Technology
philip.parzygnat@gmail.com
<http://pmptechnology.com>

<http://github.com/simerpp/wpqc>

This hands-on workshop will be administered using Virtual Box's free virtualization environment, the files for this workshop are available via (5) USB disk drives that will be handed out. To begin, copy the wordpress.zip and <platform>.zip file to your local workspace. Where <platform> is either Windows or OS X dependent on your system. If you already have Virtual Box installed on your system then you need only copy the wordpress.zip file. If you are using Linux then in an apt enabled environment you can install virtual box using the following commands:

```
sudo apt-get update
sudo apt-get upgrade
sudo apt-get install virtualbox
```

Once everyone has installed Virtual Box we can begin by starting the virtual machine located in the wordpress.zip compressed folder.

To begin I will describe the base virtual image's configuration. These steps have already been taken therefore you do not need to follow through with these steps, I am just explicating them for your resference.

Initially Ubuntu Server 16.04 was installed from an iso file downloaded directly from Canonical's website. It was used as the install media for the virtual image. After running a standard install with the addition of SSH support, the image was further enhanced by installing the following package via apt:

```
lamp-server^
```

Please note that the server has the following user/pass configuration:

```
administrator/simple
```

Please note that MySQL has the following user/pass configuration:

```
root/simple
```

Essentially this is all that is needed to run a most basic Wordpress site. Next I used wget to get the latest version of Wordpress. A script file *get-wordpress.sh* is available in the home directory for *administrator* to get the latest source and uncompress it. At this point all preconfigurations have been made and we will begin the hands-on aspect of this workshop.

Note: Due to a lack of built in SSH capability in Windows I am running all commands directly in the Virtual Box virtual machine head window rather than connecting via SSH from terminal. If you would prefer to connect via SSH that is your choice, provided

you can handle the connection yourself.

Let's get started!
