# Installing WordPress

- What is WordPress?
- How do I get WordPress?
- Setting up WordPress
- Using WordPress
- Finding themes and plugins

What is WordPress

- Blogging tool & content-management system (CMS)
- Free and open source
- Easy to install
- Easy to use
  - easy updates and changes
- Lots of themes
- Lots of plugins
  - Spam filters
  - Galleries
  - eCommerce
  - much more
- Used by over 60 million people

Redbrick
DCU's Networking Society
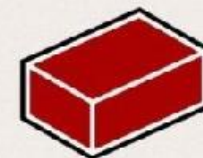
Before We Start

- Log in to redbrick
  - Linux: *ssh username@redbrick.dcu.ie*
  - Windows: use PuTTY and username@redbrick.dcu.ie
- Make sure you're in your home directory
  - *cd ~*
- *Make the backup folder*
  - *mkdir ~/public_html/backup*
- move all the files from public_html to a backup folder
  - *mv ./public_html/* ./public_html/backup/*
- go to the public_html folder
  - *cd public_html*

The Commands

- There's no point showing you the commands you'll use without explaining them:
- wget "url" ← wget http://redbrick.dcu.ie/~edu/wordpress.tar.gz
    - Retrieves files using HTTP, HTTPS and FTP
    - latest build can be got from https://wordpress.org/latest.tar.gz
- tar -variables "file" ← "tar -pxzvf wordpress.tar.gz"
    - This is used to compress and uncompress files (kind of like .zip)
    - What are all those letters for?
    - p ← Preserve File Permissions
    - x ← Uncompress Archive
    - v ← Prints out what it is doing
    - z ← This the compression type
   - f ← Use the tar file name
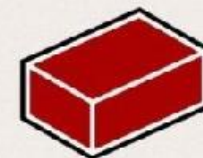
So how do we get WordPress?

- You can download it from edu
  - *wget http://redbrick.dcu.ie/~edu/wordpress.tar.gz*
- Uncompress Wordpress
  - *tar -pxzvf wordpress.tar.gz*
- Now check out "http://redbrick.dcu.ie/~username/wordpress"
 - **Don't do anything here yet though!**
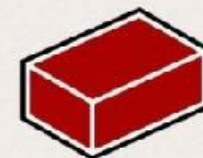
Let's Install WordPress

- WordPress needs a database to run
- You should have your database info in your email inbox, if not email admins@redbrick.dcu.ie
- *cd ~/public_html/*
- *mv ./wordpress/* ./*
- *mv wp-config-sample.php wp-config.php*
- *nano wp-config.php*
- fill in username, host, database and password
- go to "http://redbrick.dcu.ie/~username/"
    - follow the instructions on WordPress
- *chmod 400 wp-config.php*
- *chmod 755 .htaccess*

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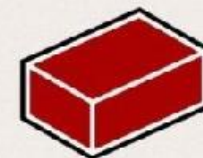
Holy WordPress Batman

- So we have WordPress, What now?
- Go build a website!
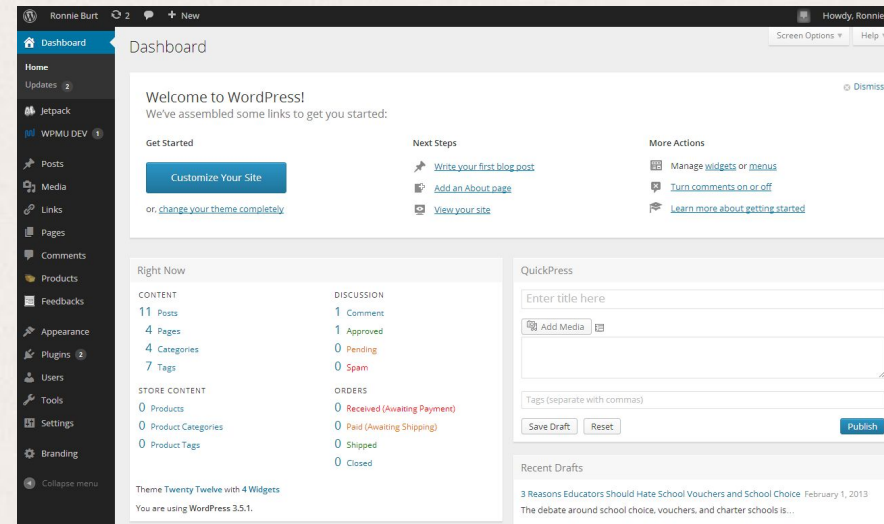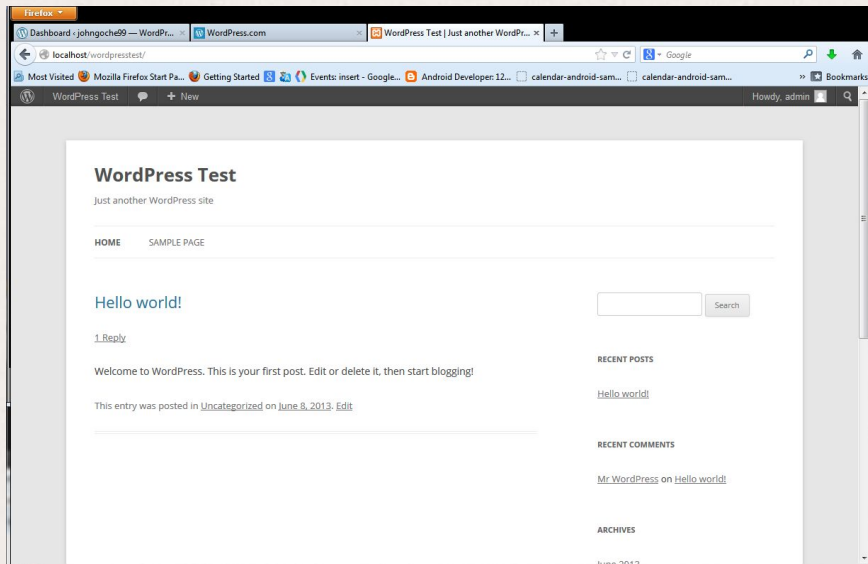
Plugins and Themes

- So we have WordPress and we have 3 themes with it, but they are boring so where do we find more?

- All over the internet! Just Google "wordpress themes", or visit:

- http://wordpress.org/themes/

- Now that I've got my theme, I want a plugin like a table on my site where to do get them?
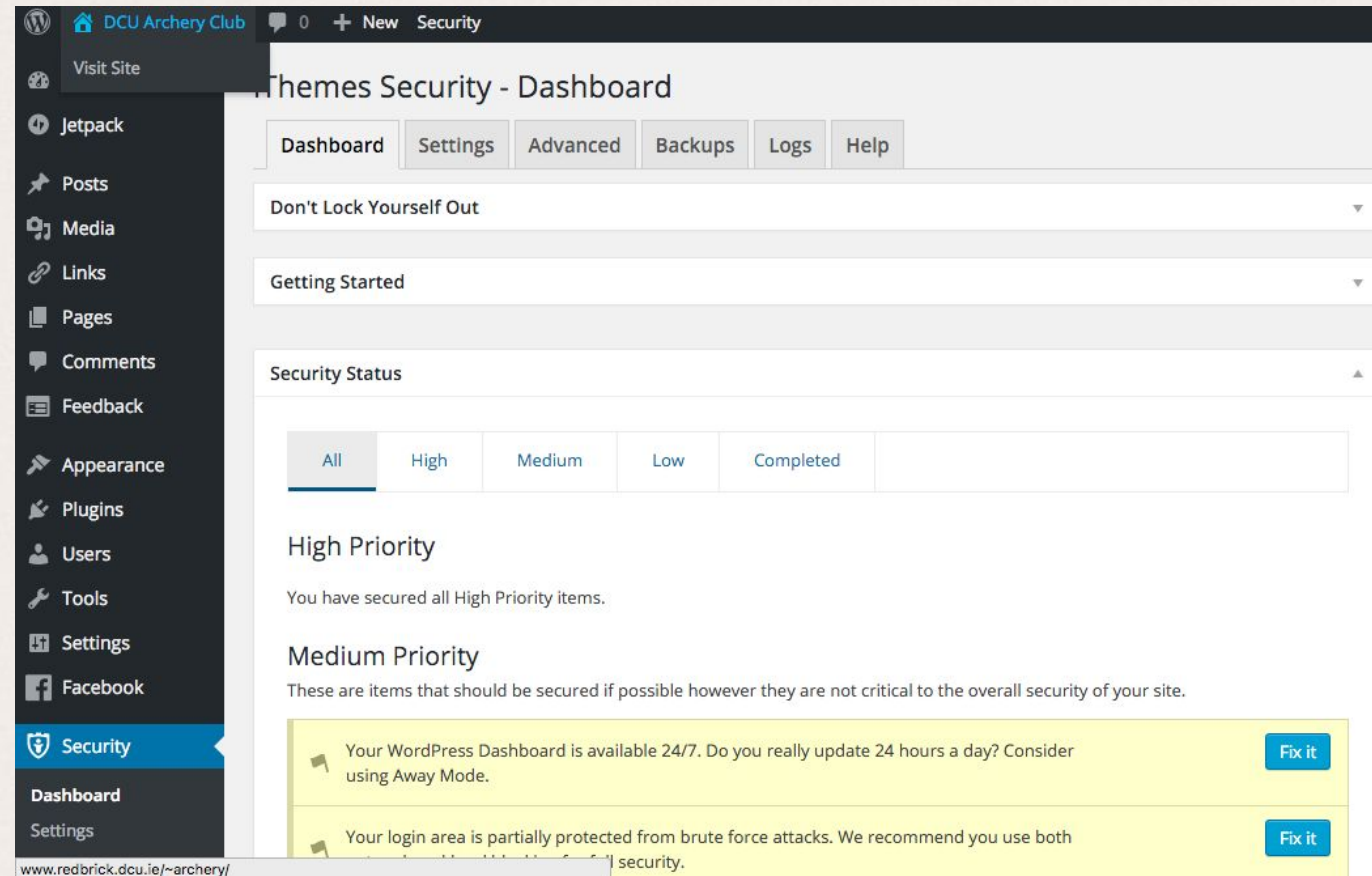
- Again, Google, or just start here:

- http://wordpress.org/plugins/

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Securing Your Site

Plugins

- iTheme security
- Gives security dashboard and easy control

Comments

- Turn them off or set them to moderated
- They are used for spam and can be used to slow down the site

Questions

Any questions?

email helpdesk@redbrick.dcu.ie

You have a website

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