

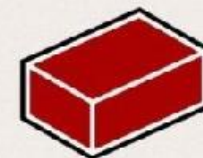


# Installing WordPress

- 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

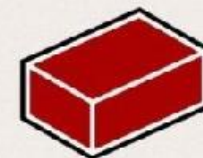


# Before We Start

- 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`

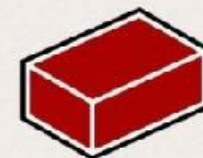
# The Commands

- 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



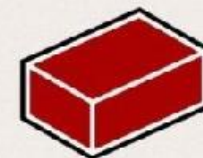
# So how do we get WordPress?

- 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!**



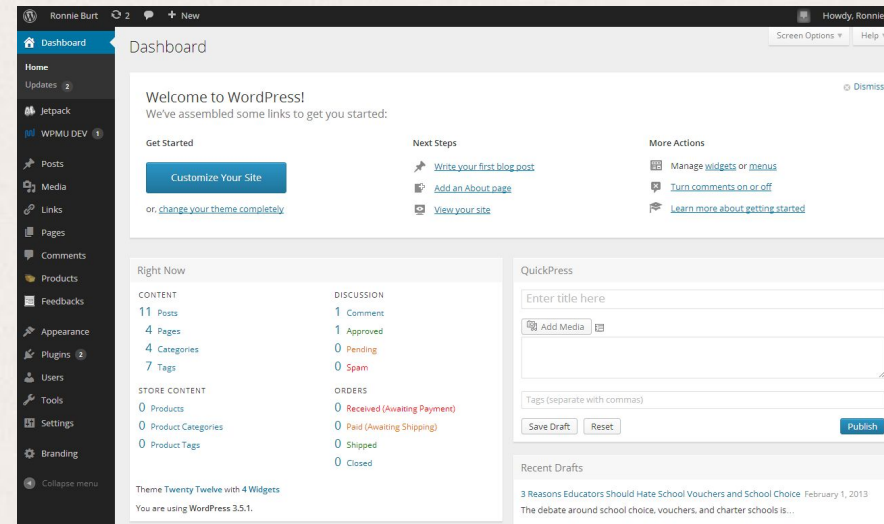
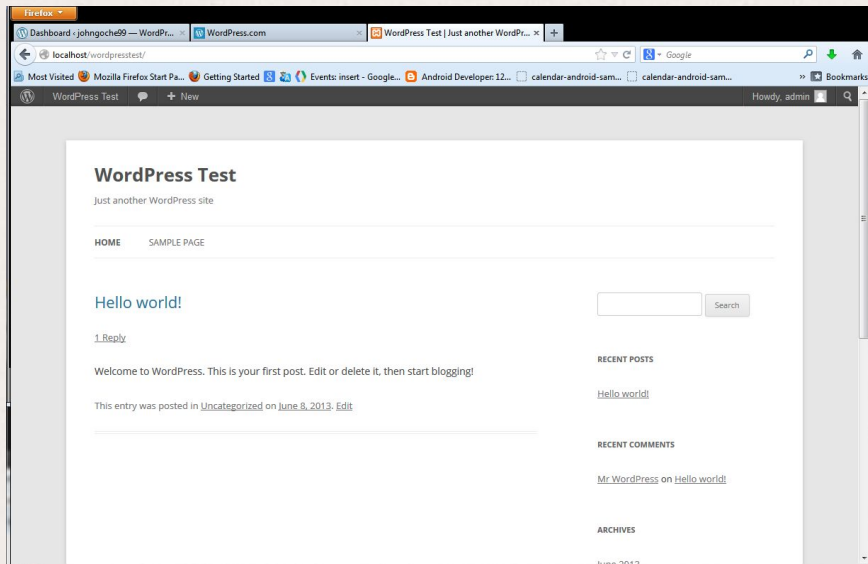
# Let's Install WordPress

- WordPress needs a database to run
- You should have your database info in your email inbox, if not email [admins@redbrick.dcu.ie](mailto: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`



# 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/>



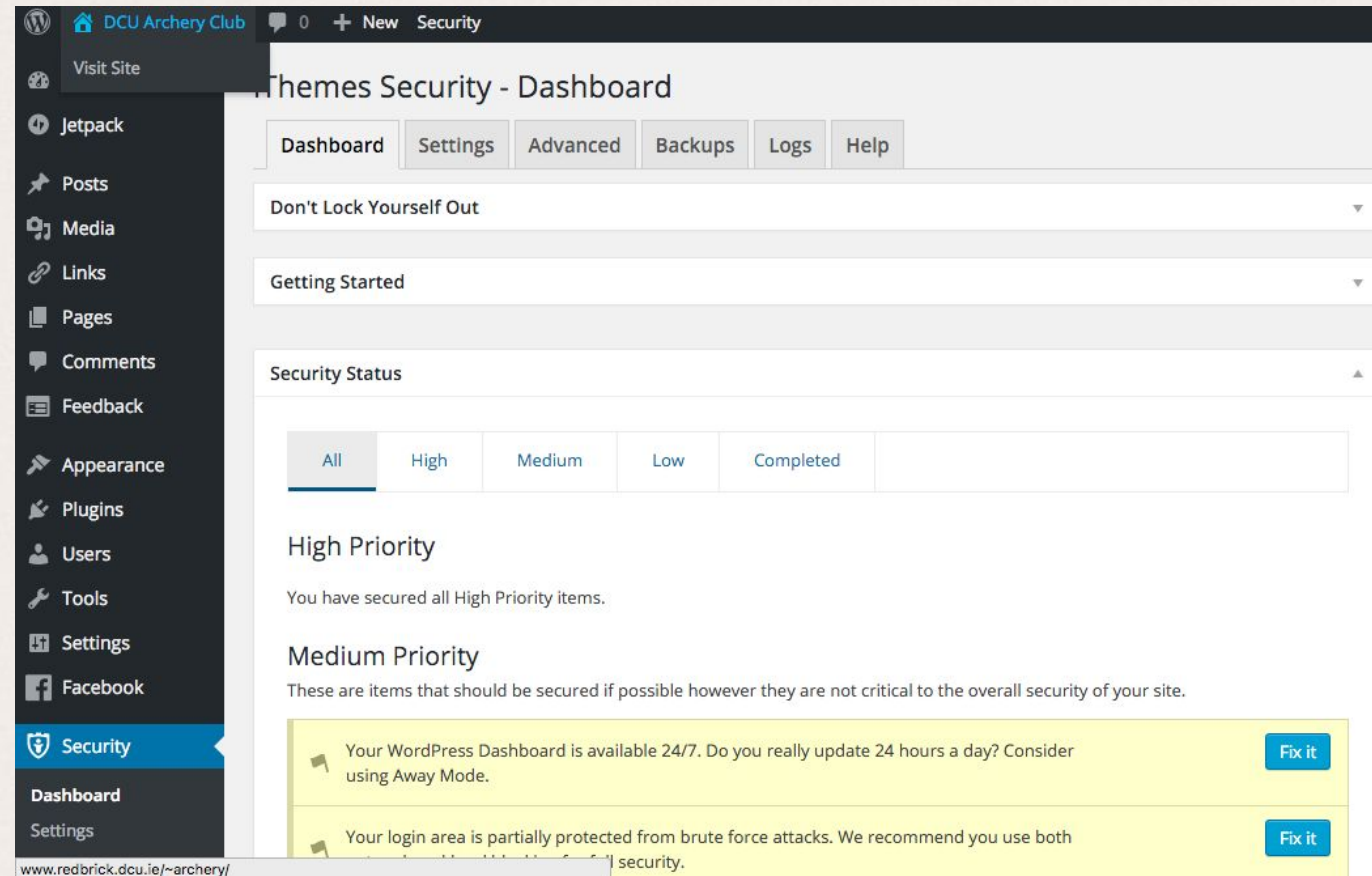
# Securing Your Site

## 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



The screenshot shows the iTheme Security dashboard for the DCU Archery Club website. The dashboard is titled "Themes Security - Dashboard" and includes a navigation menu with options: Dashboard, Settings, Advanced, Backups, Logs, and Help. A dropdown menu is open, showing "Don't Lock Yourself Out" and "Getting Started". The main content area is titled "Security Status" and features a filter bar with tabs for "All", "High", "Medium", "Low", and "Completed". Under the "High Priority" section, it states "You have secured all High Priority items." Under the "Medium Priority" section, it states "These are items that should be secured if possible however they are not critical to the overall security of your site." Two items are listed in a yellow box:

- Your WordPress Dashboard is available 24/7. Do you really update 24 hours a day? Consider using Away Mode. [Fix it]
- Your login area is partially protected from brute force attacks. We recommend you use both [Fix it]

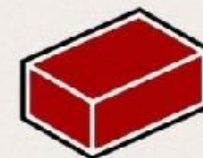
The URL at the bottom of the browser is [www.redbrick.dcu.ie/~archery/](http://www.redbrick.dcu.ie/~archery/).

# Questions

Any questions?

email [helpdesk@redbrick.dcu.ie](mailto:helpdesk@redbrick.dcu.ie)

You have a website



**Redbrick**  
DCU's Networking Society