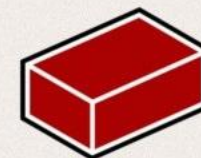


# Intro To Redbrick

Welcome!

This is an interactive talk. Log onto a lab machine or your laptops

# Welcome to Redbrick



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DCU's Networking Society

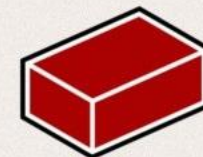
# A word on conduct.. seriously

## **DON'T:**

- Touch anyone else's shell. Seriously.
- Host anything illegal, offensive or otherwise immoral on your shiny new server.
- Intentionally disrupt or interrupt the talk. Raise a hand or wait for a pause to ask questions!

## **DO:**

- Bring friends, roommates, pet rocks... All are welcome! Including rubber ducks
- Ask questions! Don't be shy, we're here to help you!
- Work together! Two heads are (often) better than one.
- Be respectful to us and those around you, everyone is here to have fun.

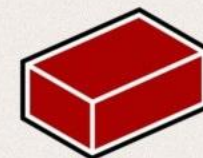
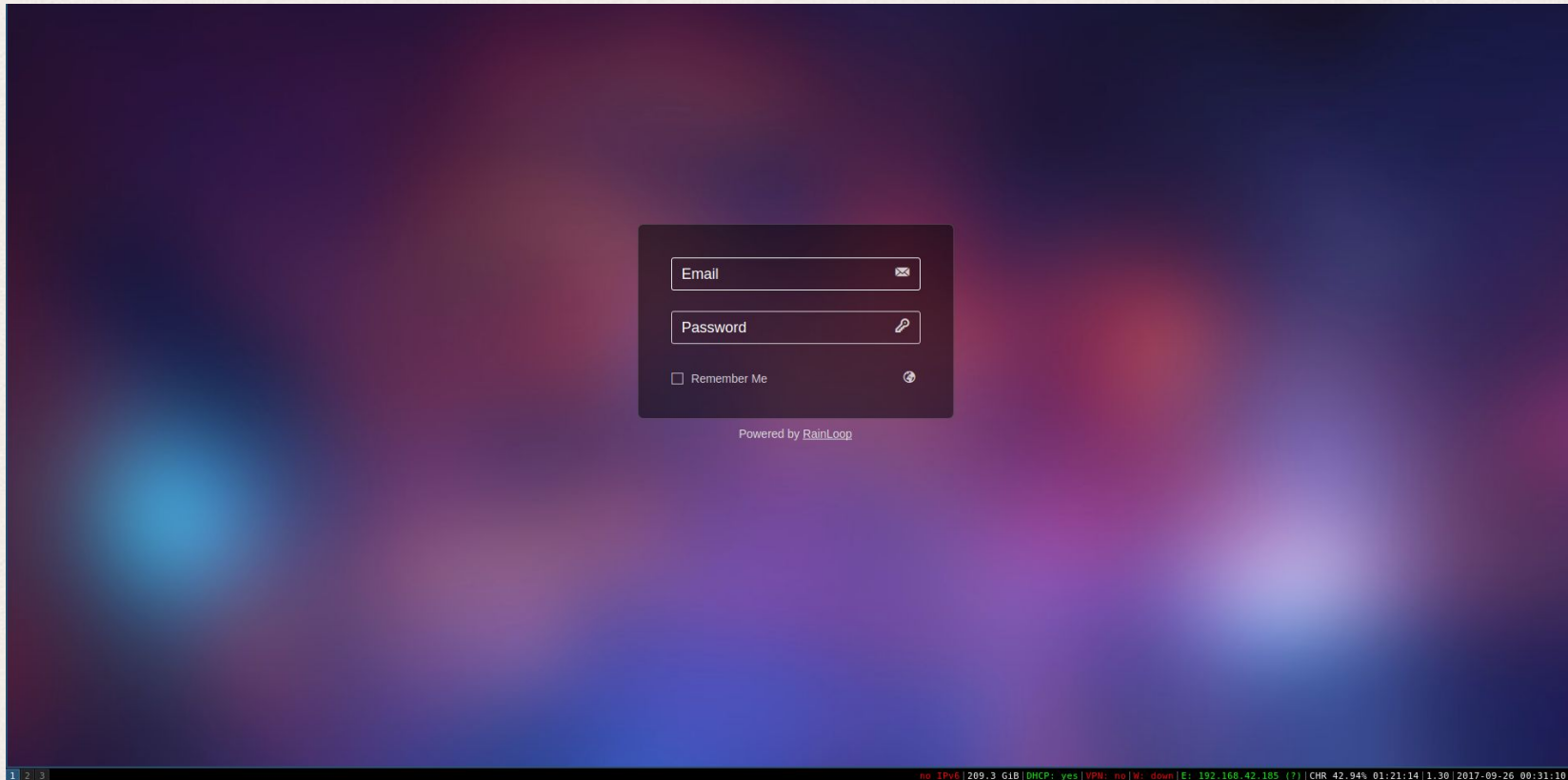


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# Services - Mail

[webmail.redbrick.dcu.ie](http://webmail.redbrick.dcu.ie)



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# Mail

Mail from your redbrick address auto goes to your dcu email  
You can stop this in a terminal on redbrick by typing:

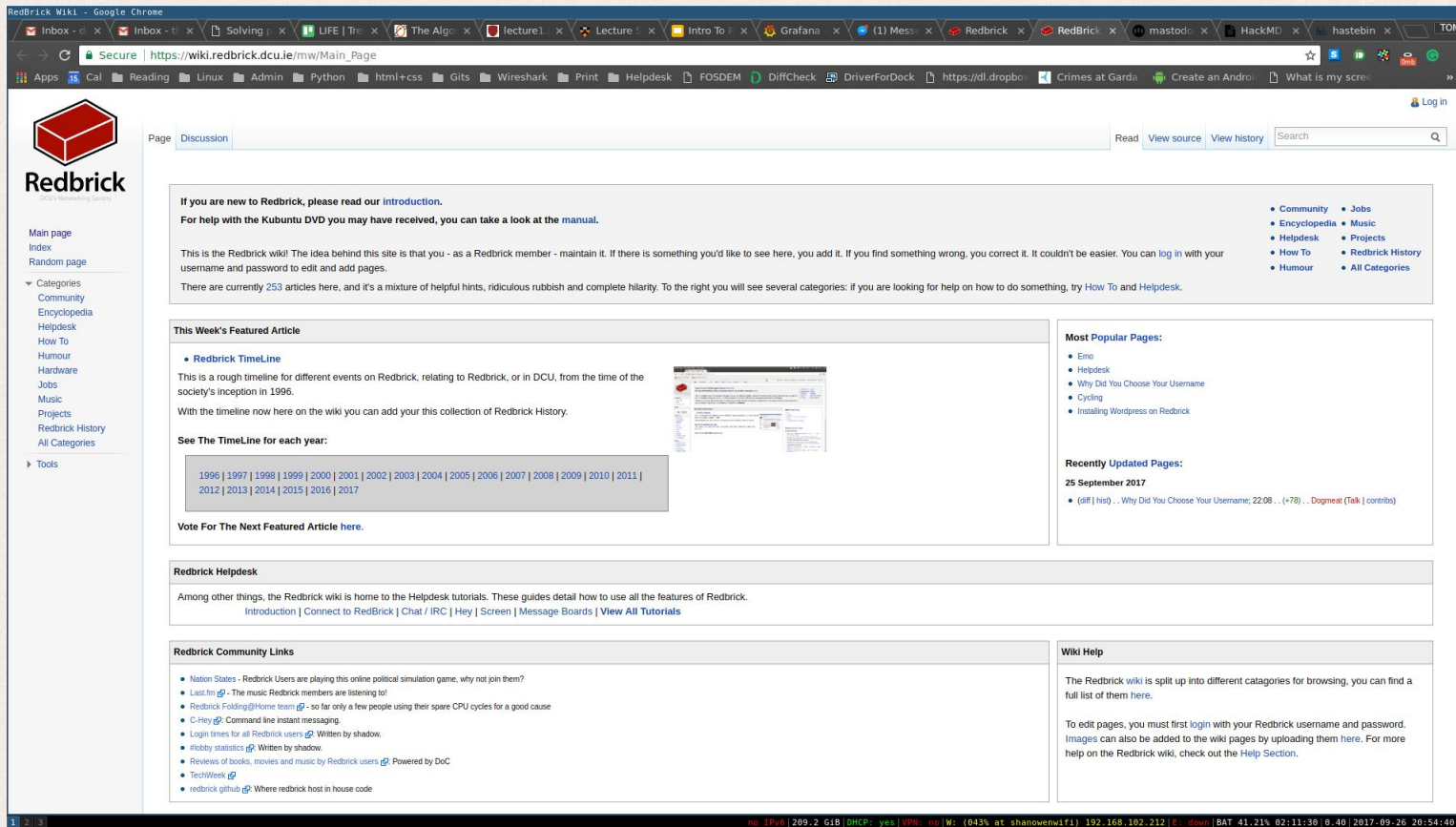
```
forward off
```



# Services - Wiki

Your go to for “How the hell do I do this again?” info

Can be found at : [wiki.redbrick.dcu.ie](https://wiki.redbrick.dcu.ie)

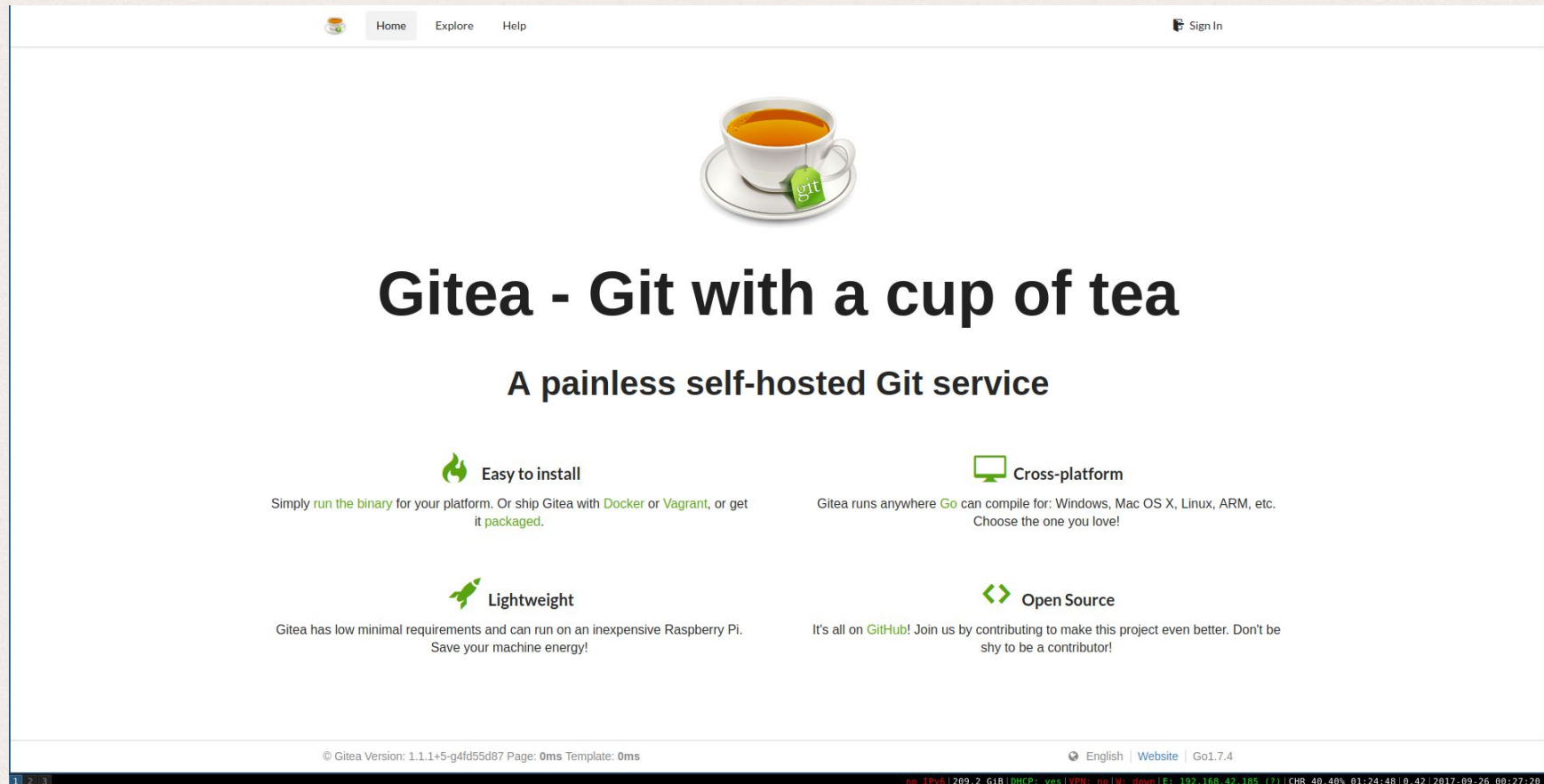


You can login and edit this as you learn. If you find it is out of date, update it. They are all maintained and made by users. Great way to get your toes wet




# Services - Git

git.redbrick.dcu.ie







The screenshot shows the Gitea website interface. At the top, there is a navigation bar with links for Home, Explore, Help, and a Sign In button. The main heading is "Gitea - Git with a cup of tea", accompanied by an illustration of a cup of tea with a "git" tea bag. Below this, a subtitle reads "A painless self-hosted Git service". The page features four key benefits: "Easy to install" (describing the binary and packaging options), "Cross-platform" (listing supported operating systems), "Lightweight" (mentioning Raspberry Pi compatibility), and "Open Source" (encouraging contributions to GitHub). The footer contains version information, language options, and a website link.

Home Explore Help Sign In

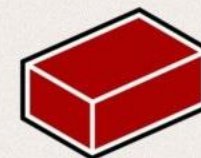


## Gitea - Git with a cup of tea

### A painless self-hosted Git service

-  **Easy to install**  
Simply [run the binary](#) for your platform. Or ship Gitea with [Docker](#) or [Vagrant](#), or get it [packaged](#).
-  **Cross-platform**  
Gitea runs anywhere [Go](#) can compile for: Windows, Mac OS X, Linux, ARM, etc. Choose the one you love!
-  **Lightweight**  
Gitea has low minimal requirements and can run on an inexpensive Raspberry Pi. Save your machine energy!
-  **Open Source**  
It's all on [GitHub](#)! Join us by contributing to make this project even better. Don't be shy to be a contributor!

© Gitea Version: 1.1.1+5-g4fd55d87 Page: 0ms Template: 0ms English Website Go1.7.4

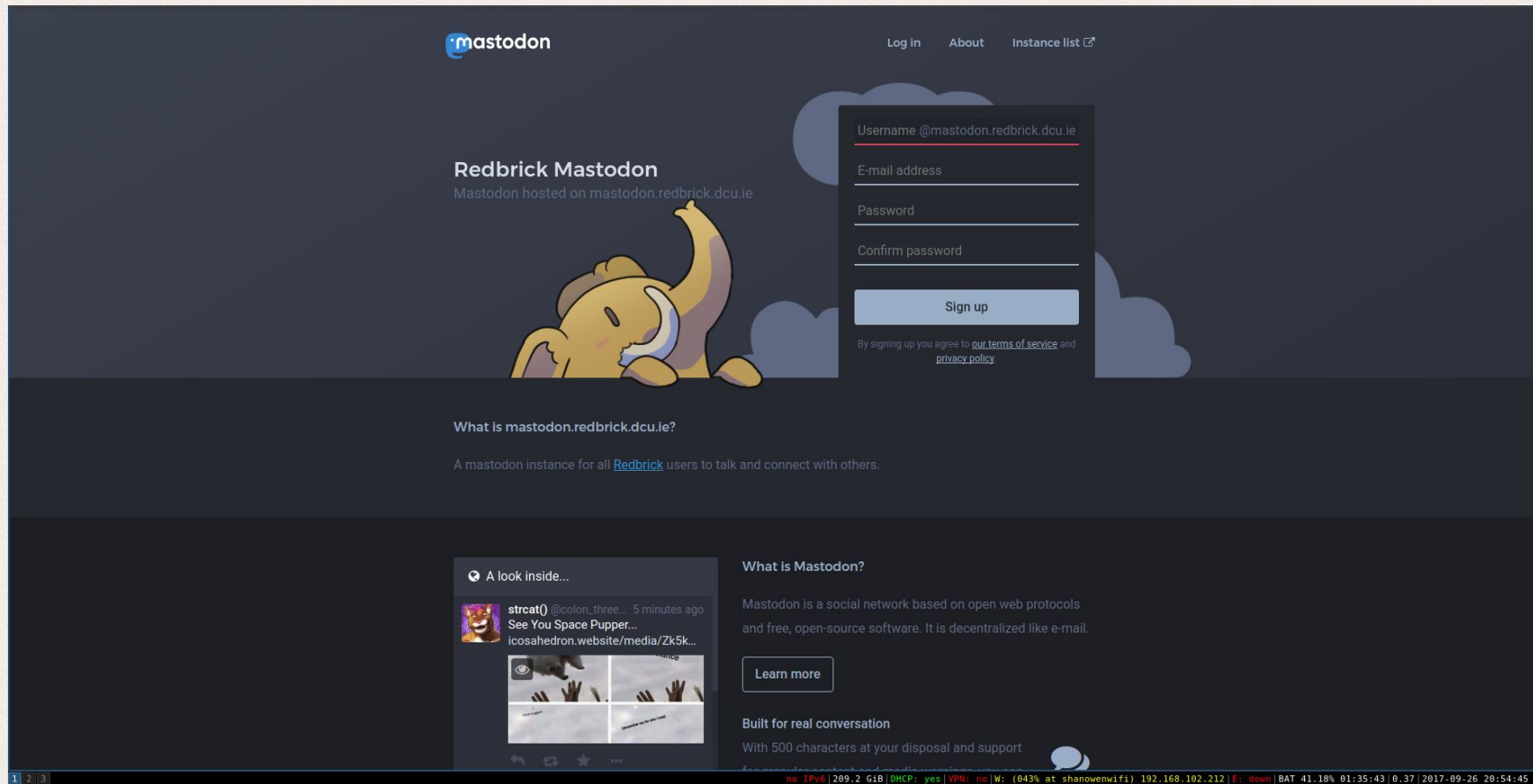


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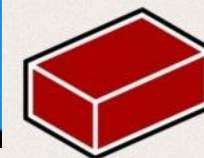


# Services - Mastodon - FOSS Twitter

mastodon.redbrick.dcu.ie



The screenshot shows the Mastodon web interface for the instance mastodon.redbrick.dcu.ie. At the top, there's a navigation bar with the Mastodon logo, 'Log in', 'About', and 'Instance list' links. The main header area features the instance name 'Redbrick Mastodon' and a description 'Mastodon hosted on mastodon.redbrick.dcu.ie' next to a cartoon illustration of a yellow mammoth. A central modal box contains a sign-up form with fields for 'Username' (pre-filled with '@mastodon.redbrick.dcu.ie'), 'E-mail address', 'Password', and 'Confirm password', followed by a 'Sign up' button. Below the form, a small disclaimer states: 'By signing up you agree to our [terms of service](#) and [privacy policy](#)'. The lower section of the page includes a 'What is mastodon.redbrick.dcu.ie?' section explaining it's for Redbrick users, a 'What is Mastodon?' section describing it as a decentralized social network, and a 'A look inside...' section showing a post from user 'strcat()' with a video thumbnail. A status bar at the very bottom displays technical information like IP address, bandwidth, and uptime.



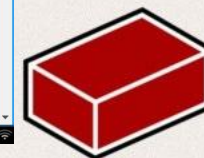
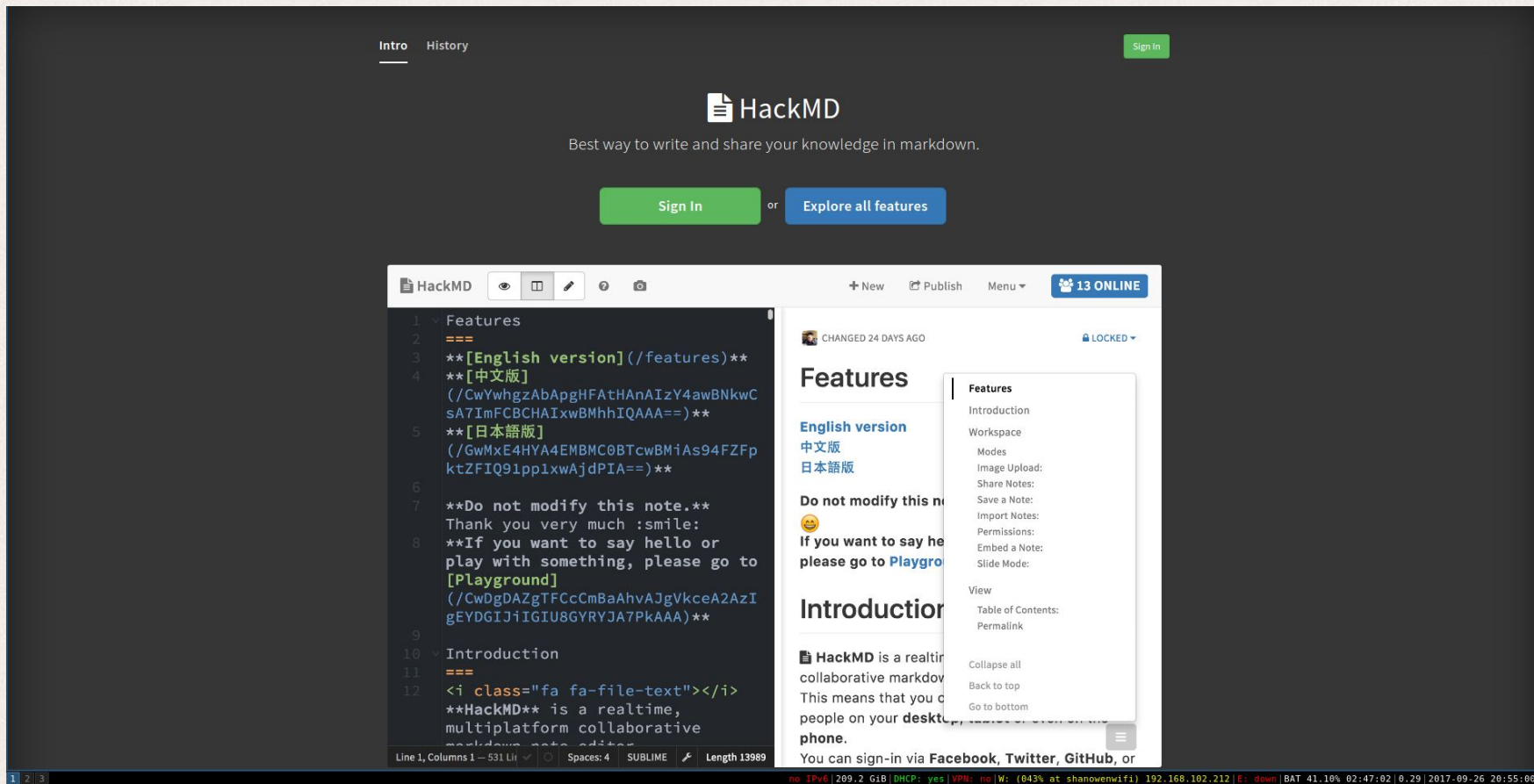
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# Services - HackMD

Markdown editor that offers collab and a very nice side by side view

[md.redbrick.dcu.ie](https://md.redbrick.dcu.ie)

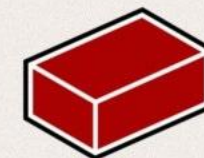
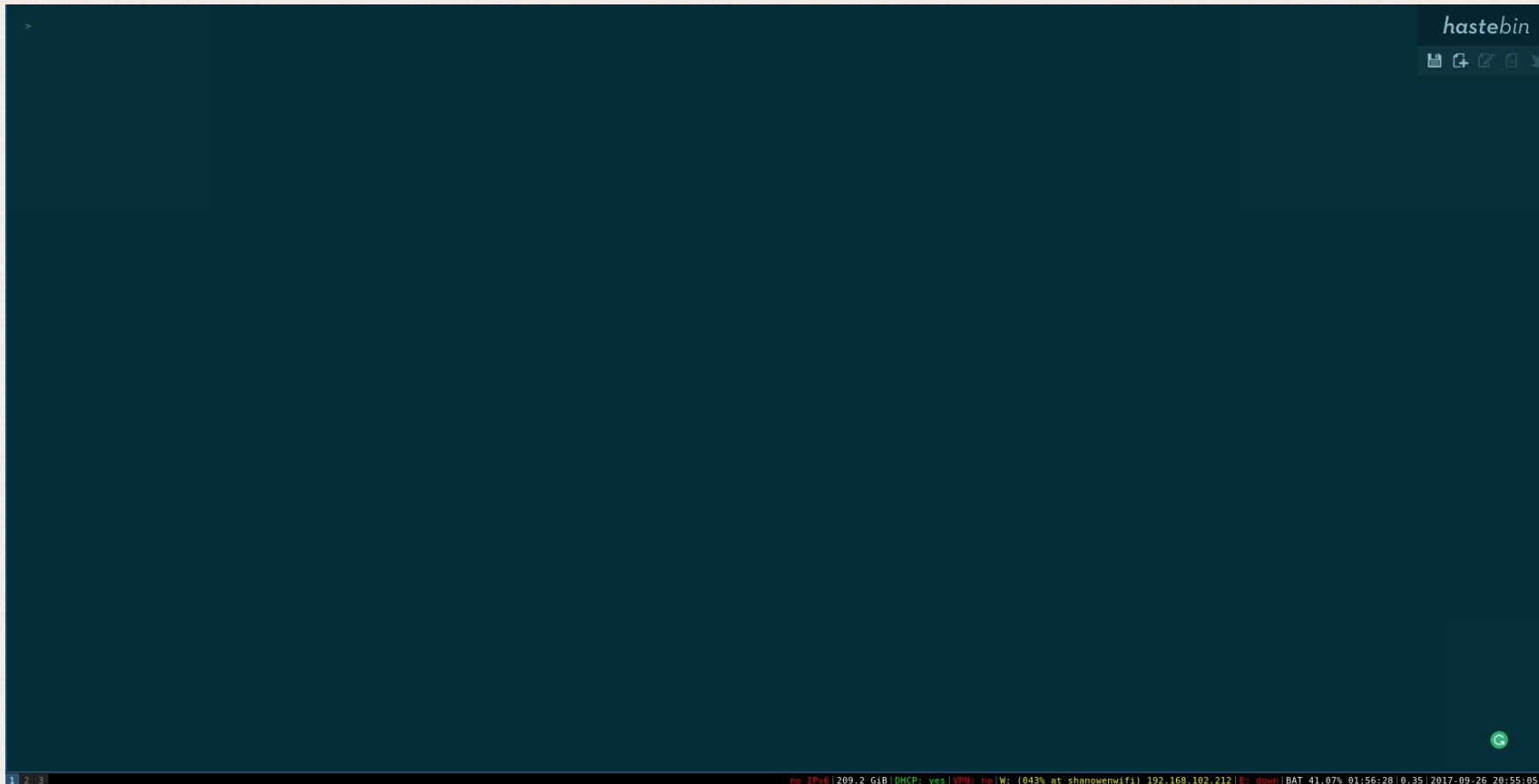


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# Services - hastebin

You paste, you save, you get a link, you share

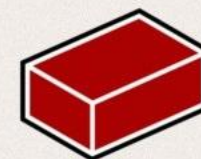
<https://paste.redbrick.dcu.ie>



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# Anyone Lost?

Did we go through that too fast?

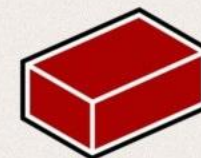


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# IRC

What people think you're doing when on irc



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# IRC

What you're actually doing



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# IRC

How to get on this deadly form of communication?

You need to get a shell on redbrick!





If you're on windows...

# If you're on windows...

... get linux

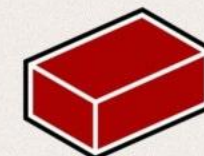
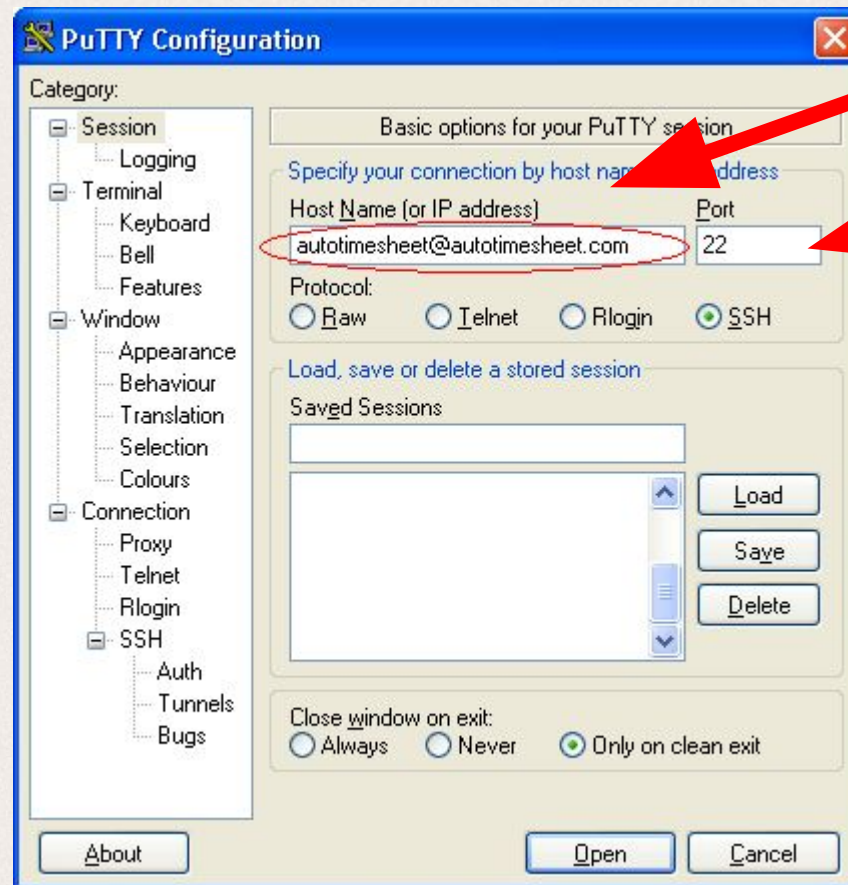
[www.putty.org](http://www.putty.org)

# ...You're on windows

You need to get putty!

redbrick.dcu.ie

22



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# You're on linux or mac?

You need to open a terminal and type:

Make sure this is  
your username

ssh username@redbrick.dcu.ie <enter>

Then enter your password

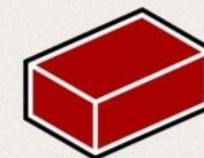
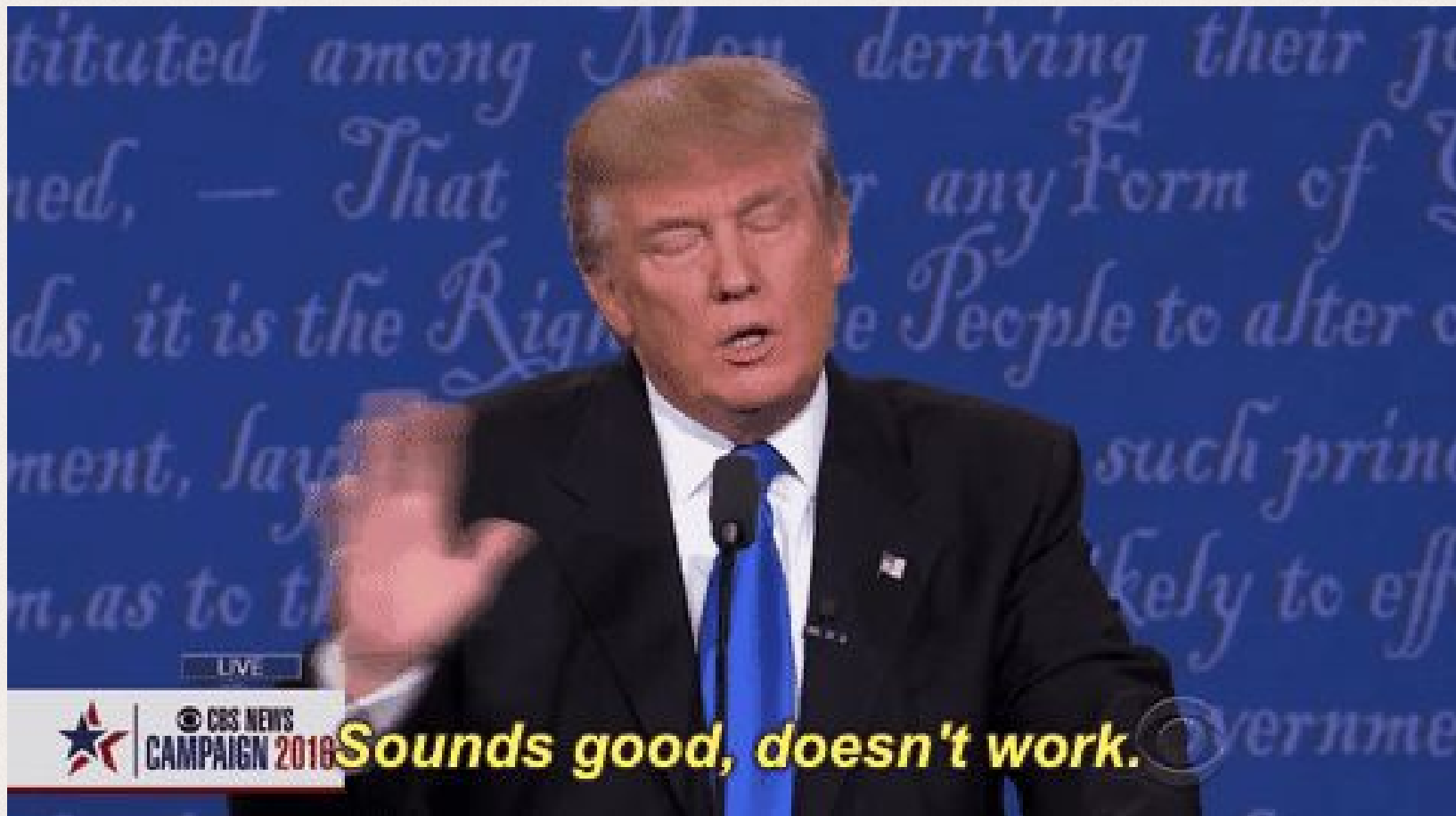
# What is ssh 0.o



Stands for Secure SHell

# If all else fails!

<https://www.redbrick.dcu.ie/wetty>

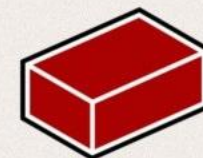


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# IF ALL FAILS AND YOU CAN'T GET A SHELL

<https://webchat.redbrick.dcu.ie/>



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# Now that your shell is open...

... You need to open a multiplexer

This just means that when you leave redbrick your programs keep running

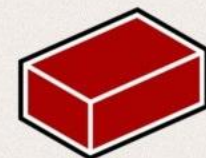
If you didn't have this then every time you logged off you would log out of IRC

# To open this just type:

```
tmux
```

You can customise this later (for better or worse) but right now we want to get you going as fast as possible.

If you wanna customise just edit your `tmux.conf`



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# Next time you login

The next time you login if you type

```
tmux
```

It will try start a new one.. you want the one you already made

So you type:

```
tmux attach -d
```

# WeeChat

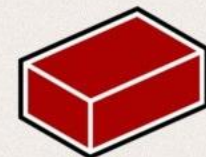
We want to use weechat as our client. It is really pretty

First we need to set our configuration up type:

```
~edu/confweechat
```

If you get a prompt about nickserv

Press n <enter>



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# From here we open weechat

Type:

```
weechat
```



# Using the script command

“These are optional but cool”

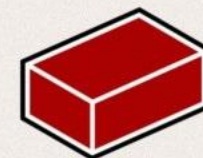
type:

```
/script iset.pl - nice interface for changing settings buffers.py - channel list
```

```
/script screen_away.pl - sets away status when you detach from screen
```

```
/script cmdind.pl -tells you is its command or message grep - lets you grep in weechat
```

```
/script pushover.pl - notification center
```



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# /save will save your changes

This is quite important

# /autojoin --run

This will save all the channels you are in



# For more info on IRC

- Check out [wiki.redbrick.dcu.ie](http://wiki.redbrick.dcu.ie)
- Check weechat docs
- Check IRC docs
- Ask in `#helpdesk` on irc
- Speak to us at the end of and talk

# Questions? ( feedback )

Next week?

How to setup a dev environment!

*Spoiler:* you don't need a big powerful and expensive machine

Find all upcoming events on facebook