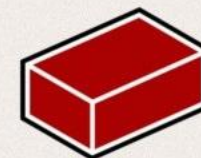# Intro To Redbrick

Welcome!

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

Redbrick
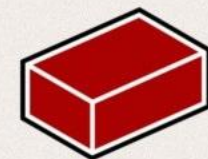DCU's Networking Society

Welcome to Redrick

Let's meet the committee

Redbrick
DCU's Networking Society

Your chair - James - mctastic
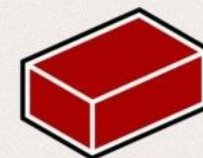
Your Secretary - Neven - Branch

Your Admin #1 - Tom - greenday

Your Admin #2 - Ben - mcmahon
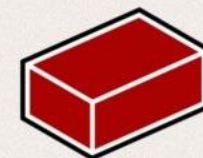
Redbrick
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Your Admin #3 - Lucas - m1cr0man
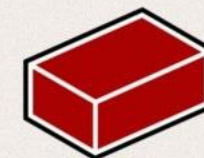
Your Treasure - Ciara - hexagon

Your Events Officer - Clíodhna - thegirl

Redbrick

DCU's Networking Society

Your Pro - Josh - sangreal
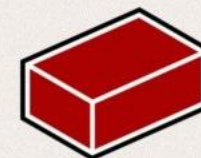
Your Webmaster - Fraz - Fraz
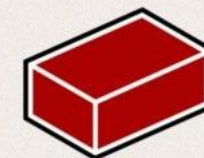
# Your Helpdesk - Conor - berns

Redbrick
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.
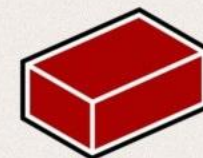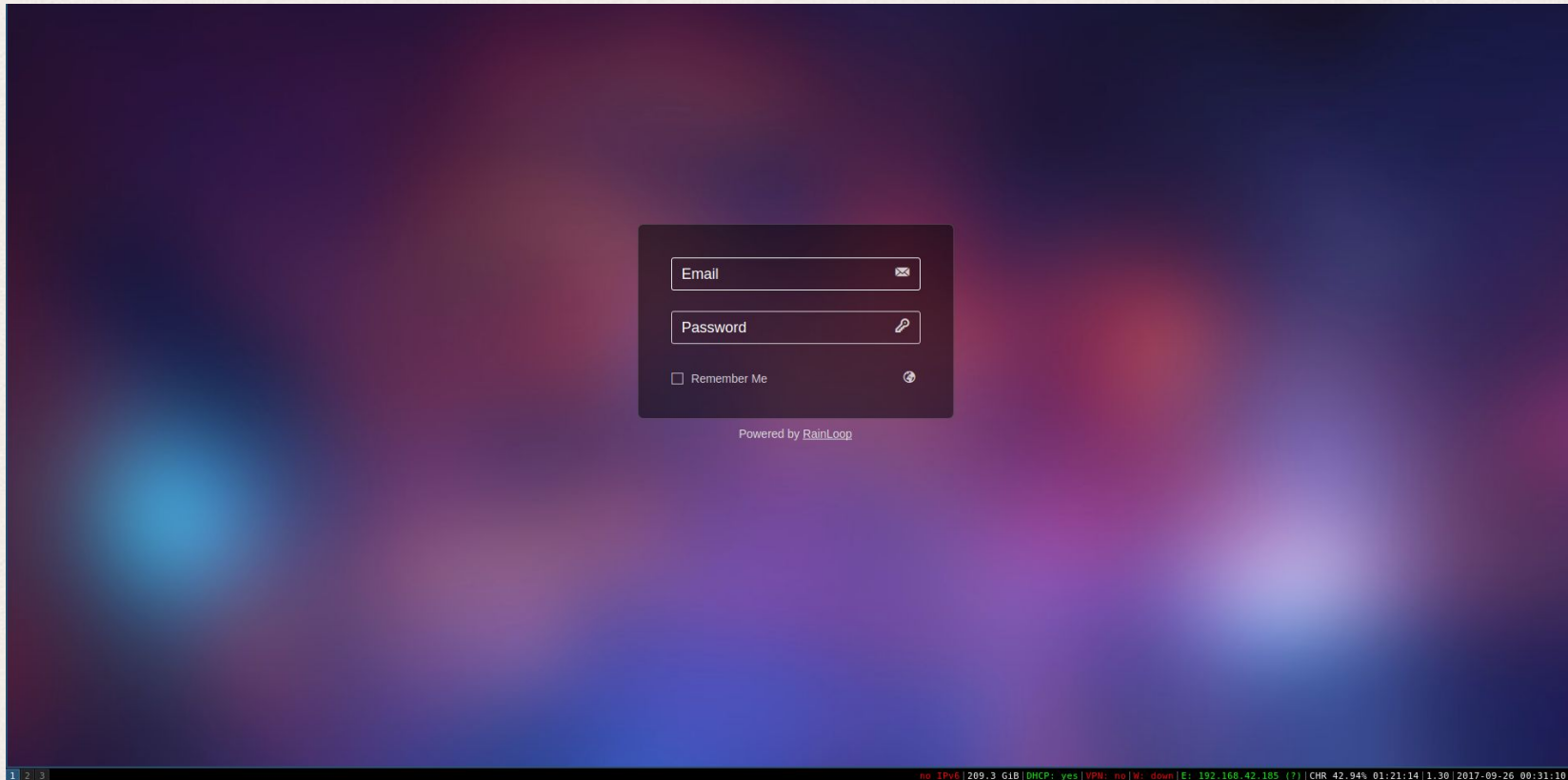- Be respectful to us and those around you, everyone is here to have fun.
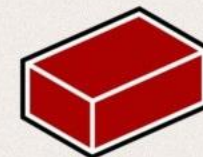
Redbrick
DCU's Networking Society

Services - Mail

webmail.redbrick.dcu.ie

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

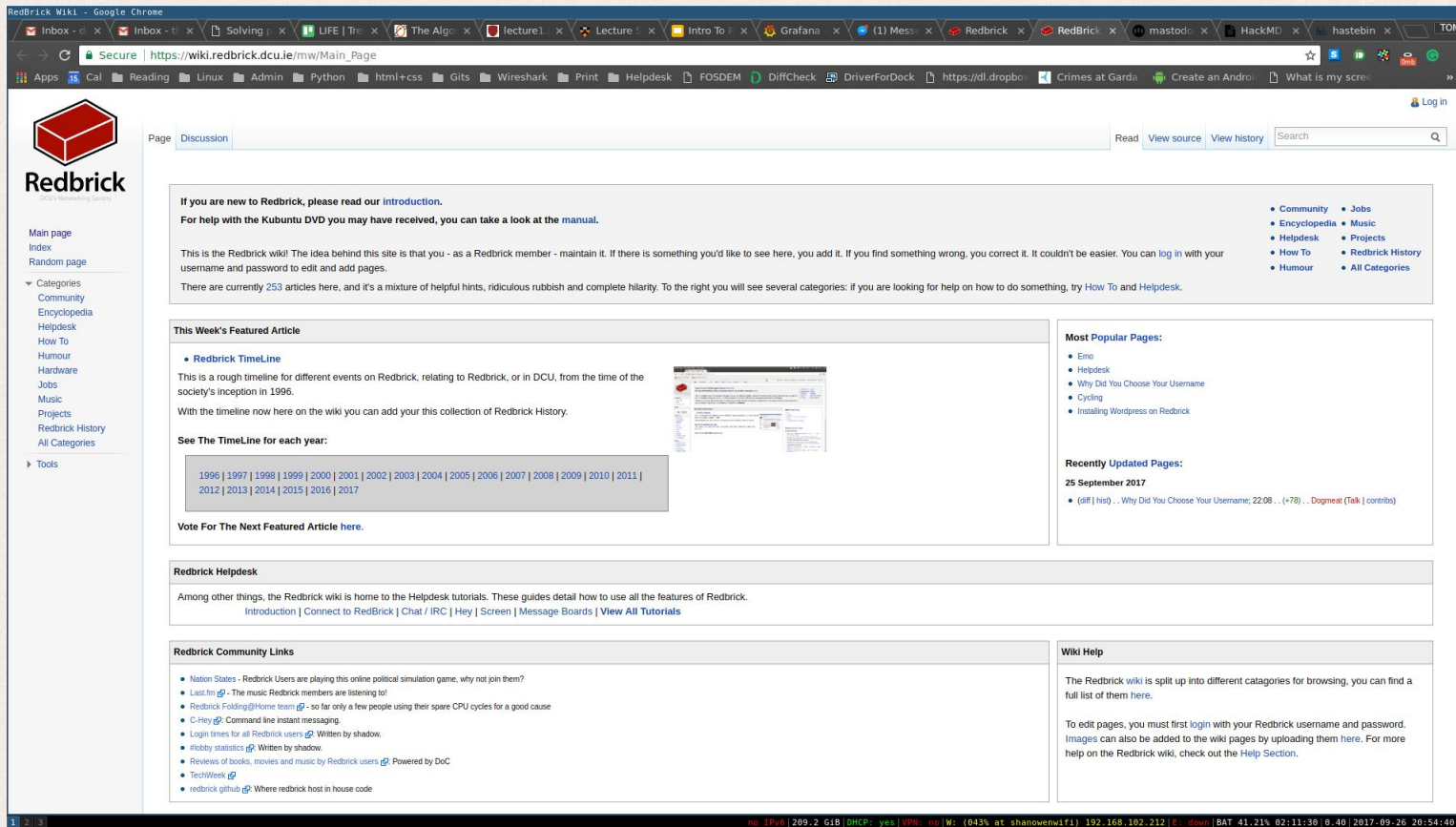Redbrick

DCU's Networking Society

Services - Wiki

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

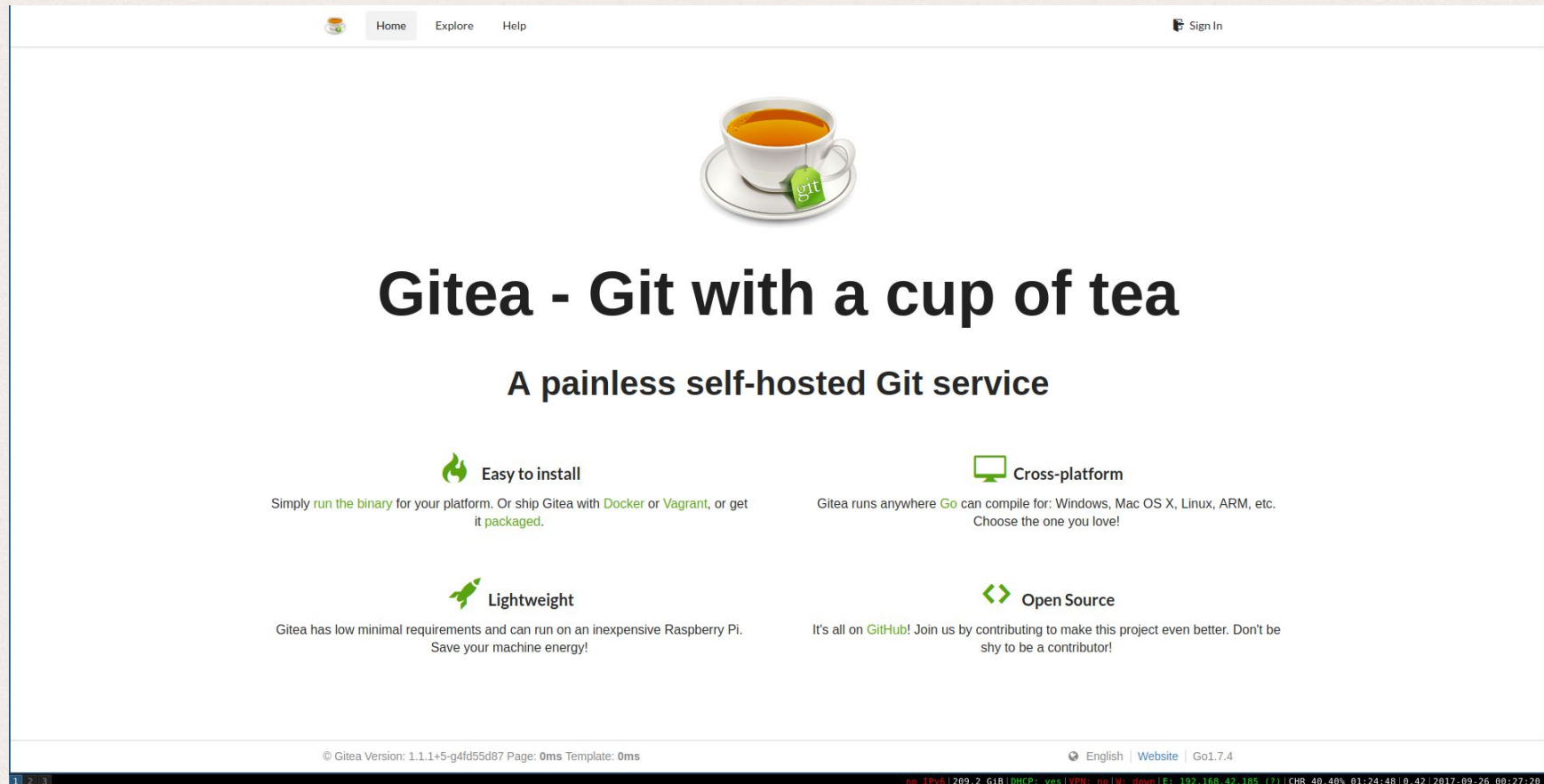Can be found at :   **wiki.redbrick.dcu.ie**

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

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Services - Git

Services - Mastodon - FOSS Twitter

mastodon.redbrick.dcu.ie

Services - HackMD

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

md.redbrick.dcu.ie
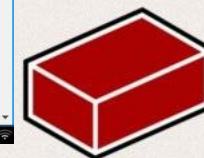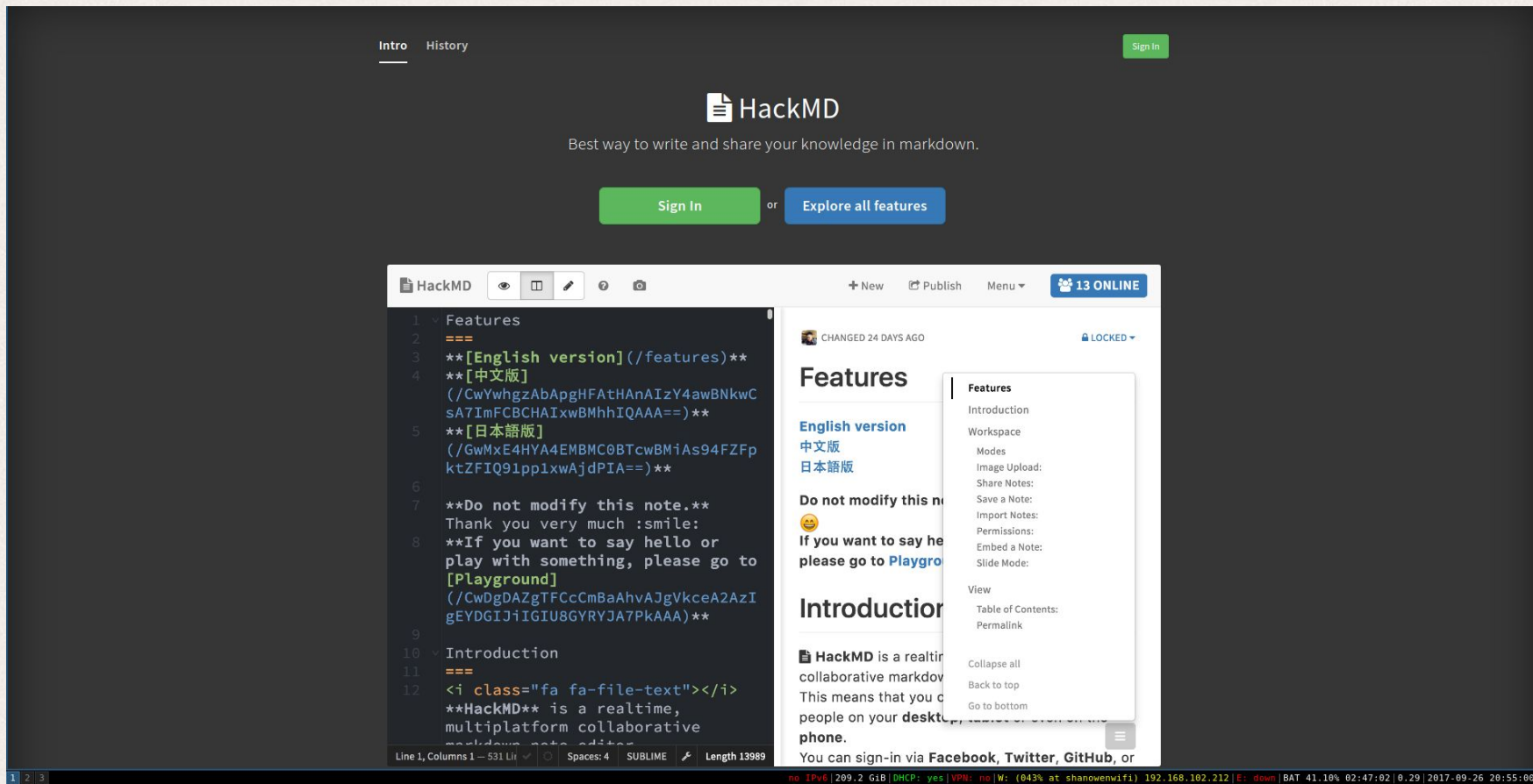
Services - hastebin
You paste, you save, you get a link, you share
https://paste.redbrick.dcu.ie
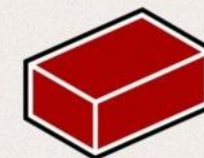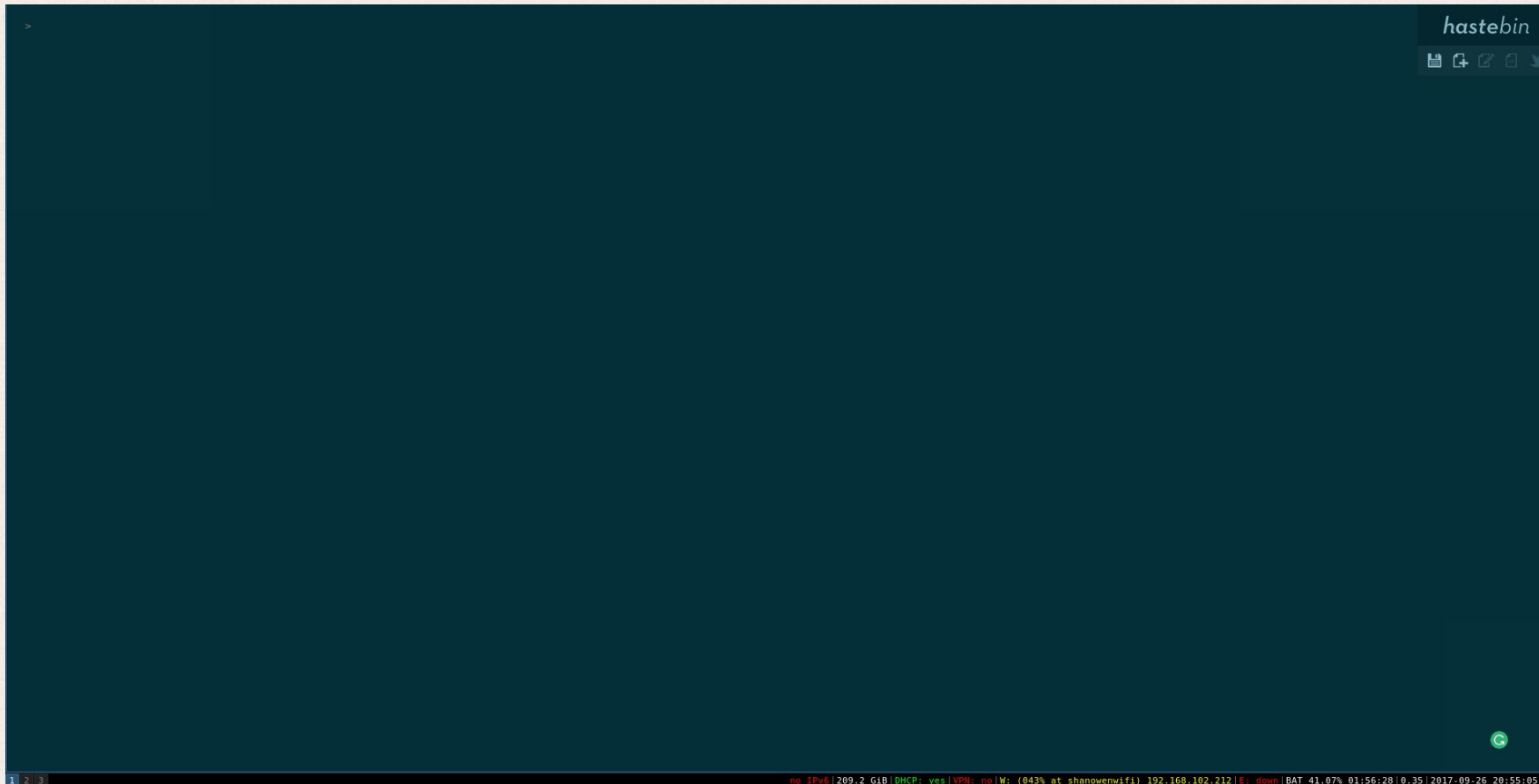
Anyone Lost?

Did we go through that too fast?

Let's go get a shell on Redbrick!
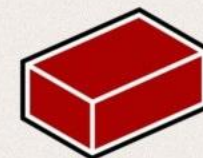
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Let's go get a shell on Redbrick!


```
saturn-> gorb
greenday@redbrick.dcu.ie's password:
Last login: Tue Oct  2 20:04:58 2018 from 37.228.244.142
---------------------------[  Welcome to Redbrick!  ]----------------------------
                          - No message of the day -
---------------------------[  Logged onto: Azazel ]----------------------------


          -----------------------------[  Need Help?  ]-----------------------------
          | A quick guide on how to use RedBrick is available at any time by |
          | typing in the word help (followed by RETURN) at the prompt below |
          ----------------[  http://helpdesk.redbrick.dcu.ie ]----------------

Storage space report for your RedBrick account:
  storage: |==========================          | 75%, 1473MB used,  479MB free
  ⚬⚬ azazel ⚬⚬ _
```
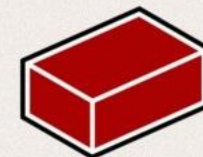
…You're on windows

You need to get putty!

redbrick.dcu.ie

22
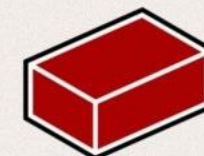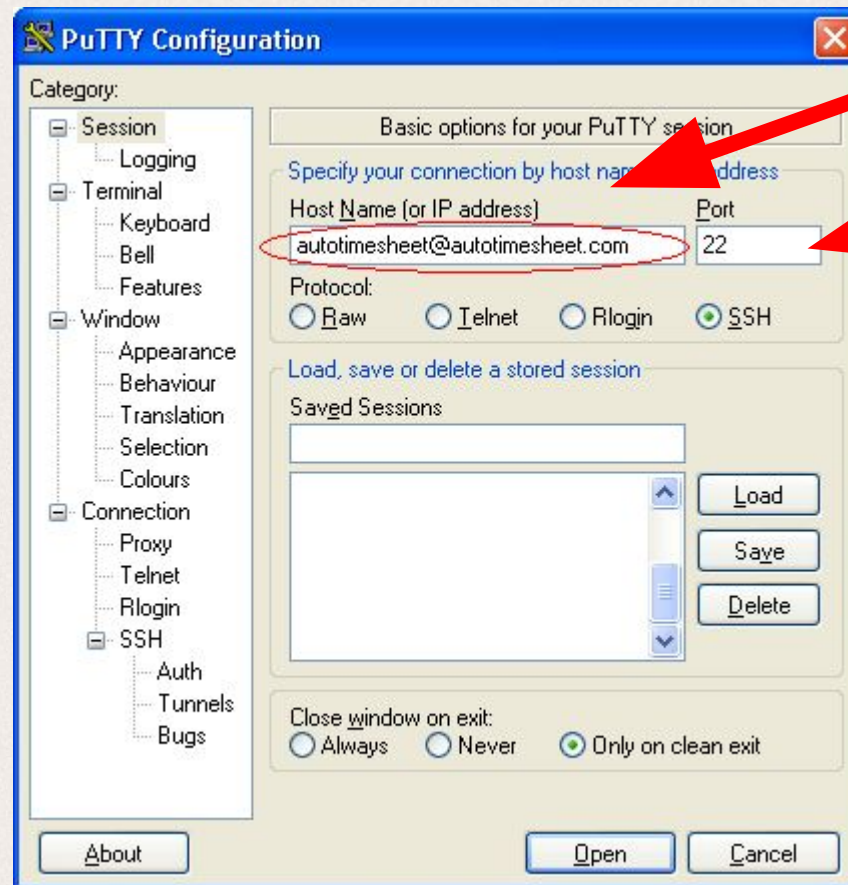
You're on linux or mac?

You need to open a terminal and type:

Make sure this is
your username

ssh username@redbrick.dcu.ie   <enter>

Then enter your password

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What is ssh 0.o

Your computer

SSH

Redbrick Servers
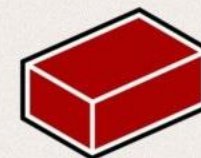
Stands for Secure SHell

If all else fails!

https://wetty.redbrick.dcu.ie
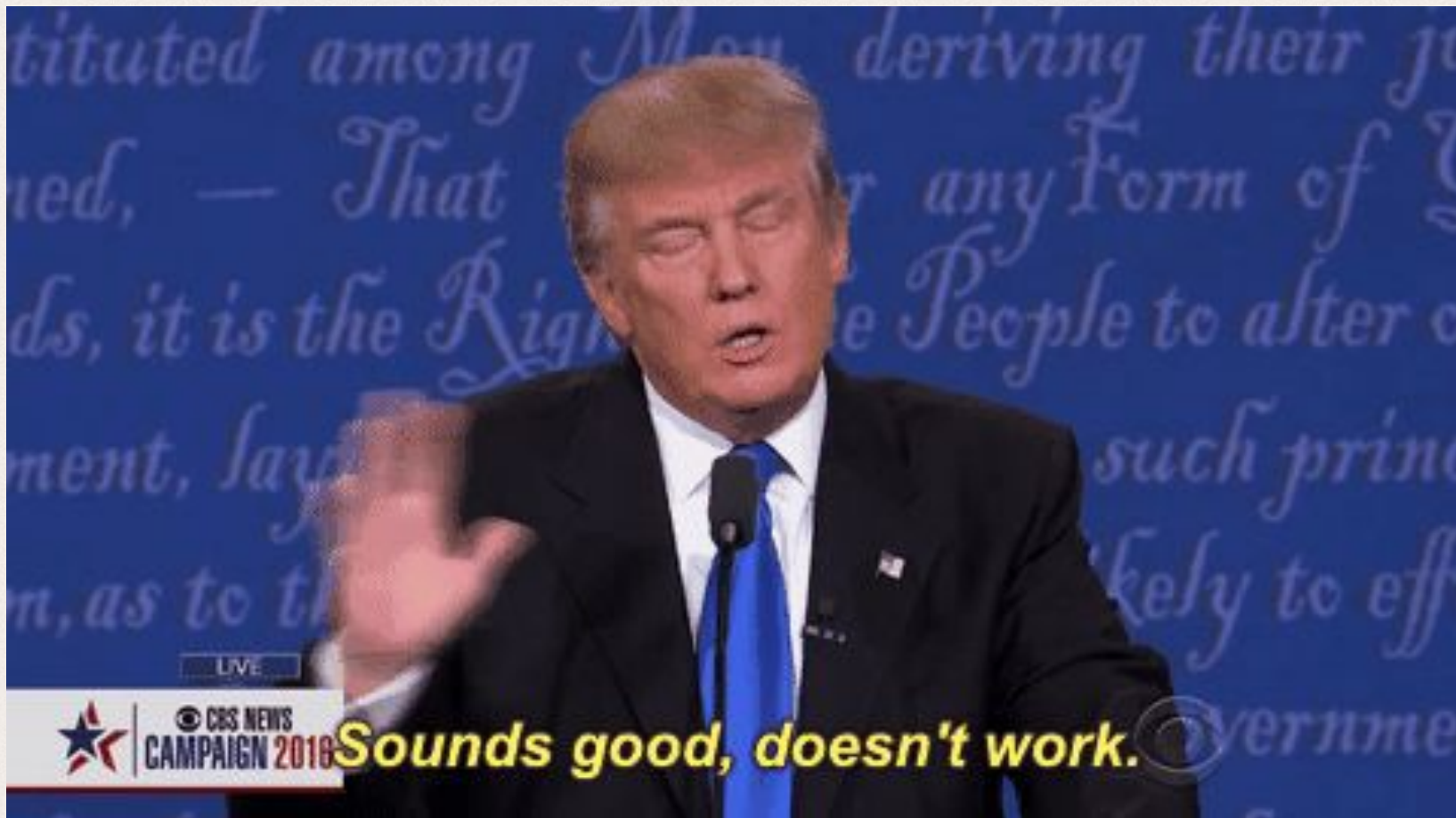
What is this?

What can I do with this?

This is your space on a shared operating system

The operating system is Linux (ubuntu)

There is no graphics

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You can do

Type the following

ls *<enter>*

It will show you everything in your directory (files and folders)

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You can do

You will see → public_html/

Type:

    cd public_html

    nano index.html

You can do

nano is a text editor

One that does not need graphics

Type:

<h1> This is my webspace </h1>

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You can do

To Save & Exit:

<ctrl> + x

y

<enter>

You can do

Now go look at https://www.redbrick.dcu.ie/~yourusername/
If you want to get better we will have a talk on making websites

chmod 644 index.html

Don't like the name?

Github education pack give you a free .me domain free for a year

With a lot of other cool shit too

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Want to learn how to be your own admin?

Github education pack give you a free cloud machine to do what you want on

I will be running workshops about how set up your own server

Email me to express interest:

greenday@redbrick.dcu.ie

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Speaking of Github

Redbrick use all open source software

The stuff we do write we mostly keep at github.redbrick.dcu.ie

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Speaking of Github
https://hacktoberfest.digitalocean.com/

During October Github with Digital Ocean Run Hacktoberfest

If you make a pull request 4 times you get a free t shirt and loads of swag and stickers.

If you contribute to anything we have from docs to our site that also counts!

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What kinda programming do we do?

You learn very quick here language does matter.

The only thing that changes is syntax and we have seen most of it

This is a programming community and we for the most part love problems

If you have a project you wanna make come to us with it. We wanna help your realise it.

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Competitive programming?

We are **not that competitive** about it

I just means solving problems with code in a short amount of time

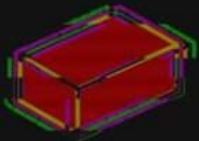Most of the time it is us doing practice for interviews

Where you will most likely be asked to code on a whiteboard

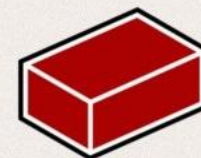(This is years away don't get a fright you will be well able)

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We call it Hacker Club

We Bring in companies all the time

Microsoft   10th October

Mastercard   17th October

AR talks
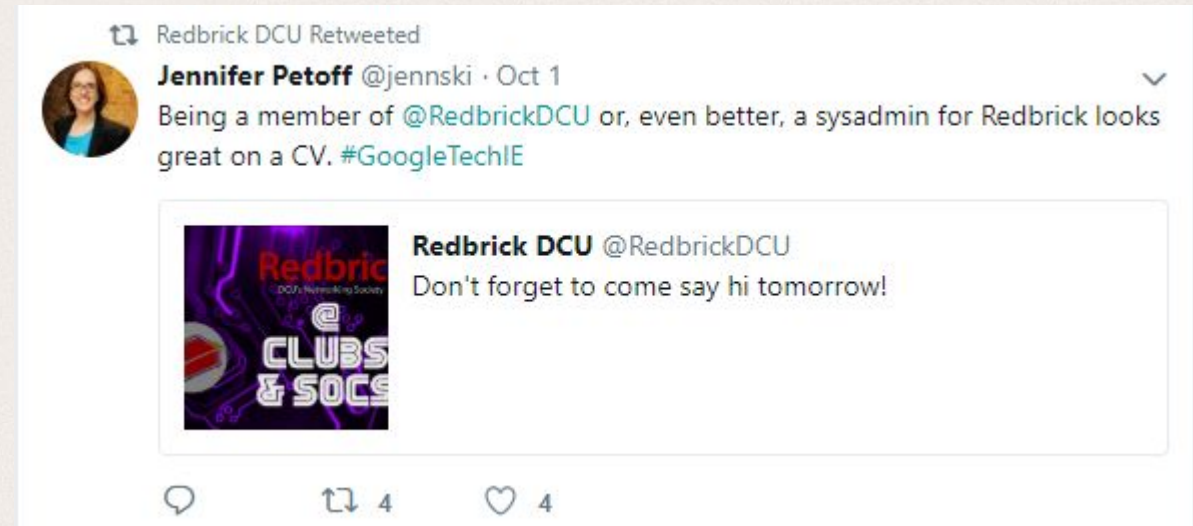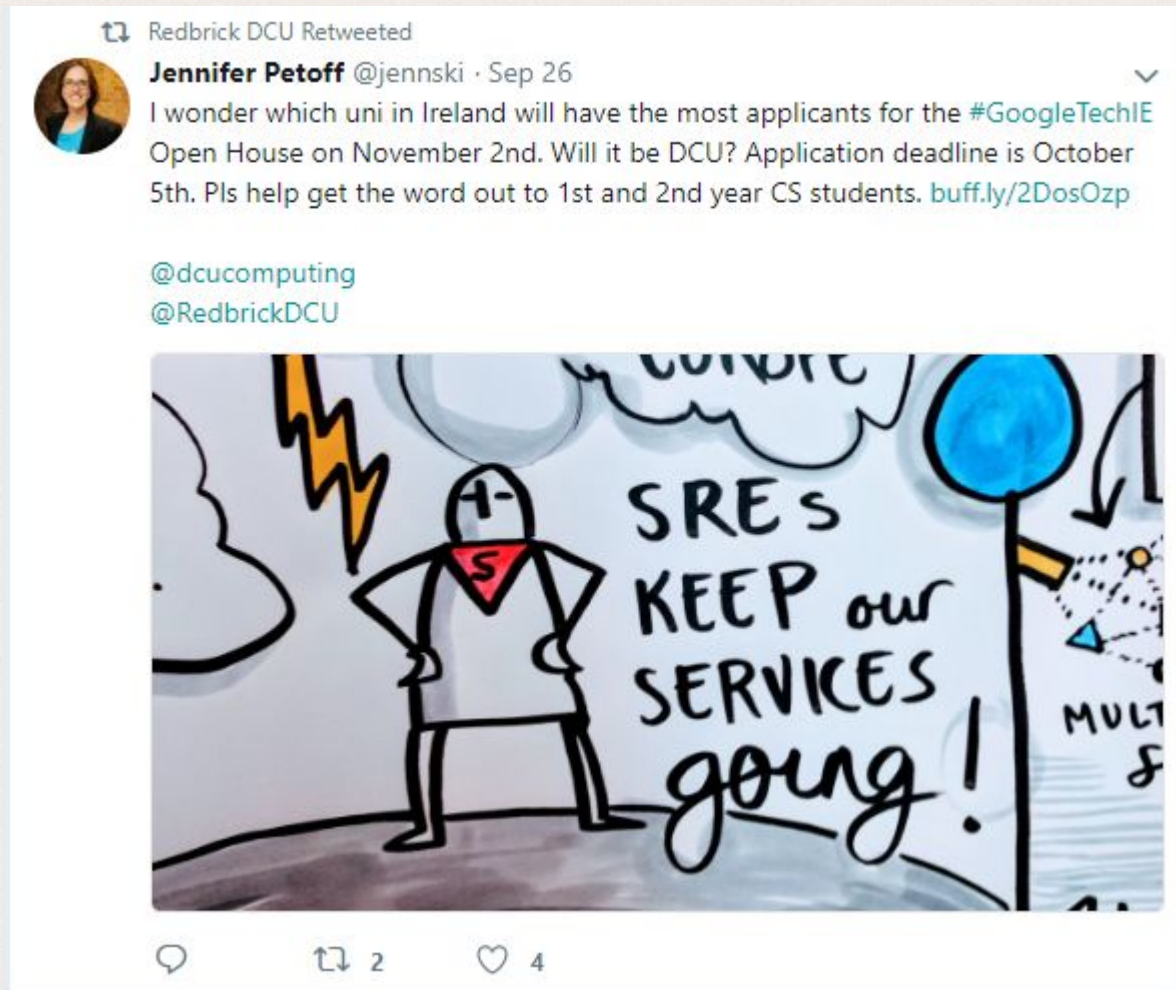
Data Science talks

Security talks

More talks

Companies reach out to us

buff.ly/2DosOzp
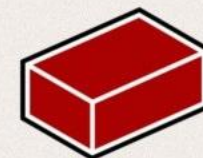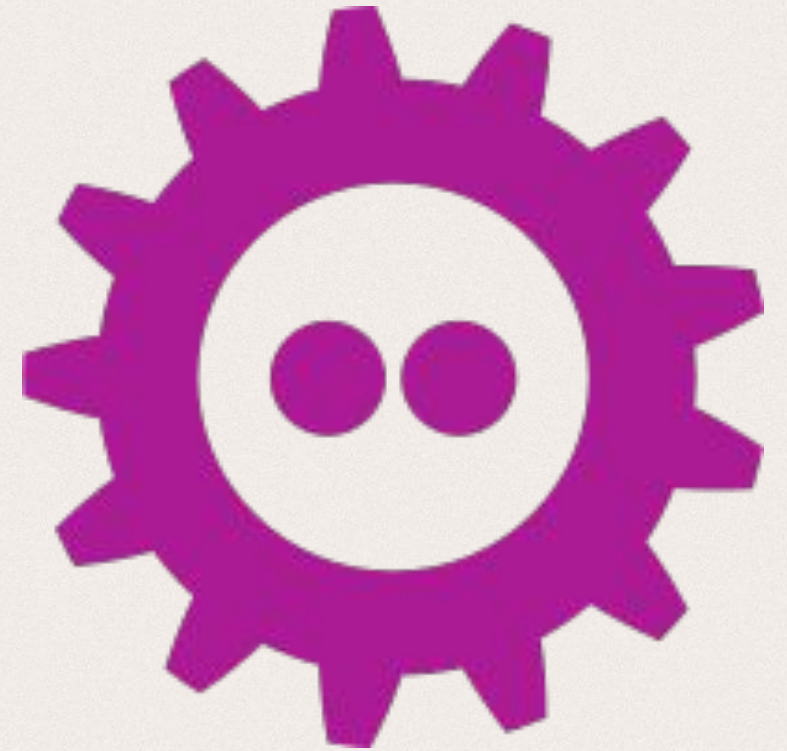
We go to FOSDEM every year

Free Open Source European Meetup

Talks about open source software

Free swag

Tasty Beer!

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Don't like going that far?

We are hosting a conference right here!

With all the computing students in Ireland

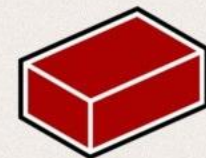We have great talks and you don't have to go anywhere

Stay tuned for that

EGM

Thursday 4th October 6:30

Follow us on twitter and Facebook

We won't let you miss it

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Did you miss a talk

We put the slides for a lot of talks over here on our site!

https://www.redbrick.dcu.ie/help/tutorials/

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It will also be your chance to get on committee

We need

- First year rep
- Graphics design officer
- Vice Chair
- Another events officer
- Another helpdesk member
- Ordinary Member (x 2)

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Questions? (feedback)

Find all upcoming events on facebook

Follow us on twitter @RedbrickDCU

Come up to us afterward if it's easier!

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