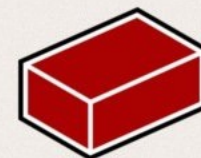


Customizing Redbrick

editing your config files

redbrick.dcu.ie/~edu/CustomizingRedbrick.pdf



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Irssi

- We don't want to break the working one so

- *irssi*

- */save my-irssi.conf*

- nano my-irssi.conf

- Auto Login

```
chatnets = {
```

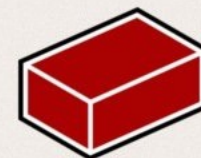
```
  RedBrick = {
```

```
    type = "IRC"; autosendcmd = "/msg NickServ IDENTIFY lamepassword"; #
```

```
    put in your identify password here.
```

```
  };
```

```
};
```



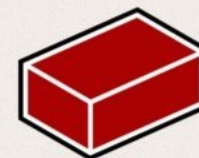
Irssi

- join channels

```
channels = (  
  { name = "#lobby"; chatnet = "RedBrick"; autojoin = "yes"; }  
  { name = "#bots"; chatnet = "RedBrick"; autojoin = "yes"; }  
  { name = "#werewolf"; chatnet = "RedBrick"; autojoin = "yes"; }  
  { name = "#CardsAgainstHumanity"; chatnet = "RedBrick"; autojoin = "yes"; }  
  { name = "#helpdesk"; chatnet = "RedBrick"; autojoin = "yes"; }  
  { name = "#intersocs"; chatnet = "RedBrick"; autojoin = "yes"; }  
);
```

- You now launch chat using `irssi --CONFIG=my-irssi.conf`

but we will fix this later



Weechat

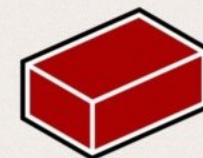
- Alternative irc client
- Some advantages over irssi, in my opinion
- Easier to install scripts
- Need to compile it from source, there's a script for that

```
cp ~gamma/compileweechat .  
chmod 700 ./compileweechat  
./compileweechat  
~/bin/weechat
```

- We want to have some config stuff before we go any further.

```
/quit weechat  
cp ~gamma/wcconf/* ~/.weechat/
```

- We need to set our nick for the server
- change "nicks" field to your username



Weechat

- Useful commands!

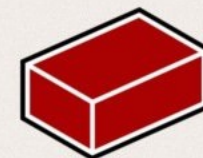
`/script`

`iset.pl` - nice interface for changing settings

`buffers.py` - channel list

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

- Remember to `/save` when you update settings



Screen

- nano .screenrc
- creates a status bar at the bottom of the screen

hardstatus alwayslastline

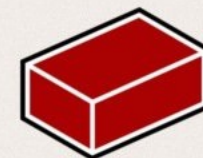
*hardstatus string '%{= kg}[%{G}%H %{g}][%= %{= kw}%?%-Lw%?%{=b kR}(%
{W}%n*%f %\$*

- Open up irc, a terminal window and a window for heys

screen -t irc 1 irssi --config=my-irssi.conf

screen -t pyg 2 ssh pygmalion

screen -t heys -L -l 0



Zsh and Bash

- *nano .bashrc / nano .zshrc*

- Alias

- directory

- alias cd~='cd ~'*

- alias cd..='cd ..'*

- alias ..='cd ..'*

- alias ...='cd ../..'*

- alias='cd ../../..'*

- alias bk='cd \$OLDPWD'*

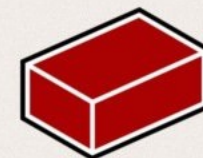
- alias lh='ls -d .*' # show hidden files/directories only*

- alias ls='ls -GFh' # Colorize output, add file type indicator, and put sizes in human readable format*

- alias ll='ls -GFhl' # Same as above, but in long listing format*

- alias lsd='ls -aFhlg'*

- alias l='ls -al'*



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Zsh and Bash

- Alias

- logging in to remote machines

```
alias rb='ssh butlerx@redbrick.dcu.ie'
```

```
alias rbvm='ssh -L 5900:136.206.16.1:5913 butlerx@login.redbrick.dcu.ie'
```

```
alias dcu='ssh -X butlec25@student.computing.dcu.ie'
```

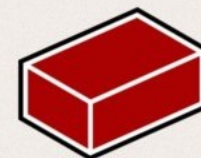
- because i'm lazy

```
alias cl='clear'
```

```
alias chat='irssi --CONFIG=my-irssi.conf'
```

- Auto-attach to screen

```
if [[ $STY = "" ]] then screen -DR; fi
```



SSH-Keys

- Login without your password
- On the local machine with linux or osx

```
ssh-keygen -t dsa
```

- Give it a passphrase

```
scp ~/.ssh/id_dsa.pub username@login.redbrick.dcu.ie::ssh/
```

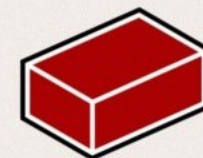
- Then login in to redbrick

```
cd .ssh
```

```
touch authorized_keys
```

```
cat id_dsa.pub >> authorized_keys
```

```
rm id_dsa.pub
```



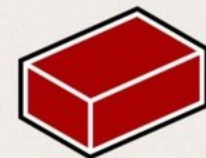
SSH-Keys

- Windows
- Create a key using PuTTYgen
- Make a profile on PuTTY with the server settings
- Note: This will only be saved on your home machine or laptop, won't work on the lab machines unless you download a portable version of PuTTY or PuTTYtray to use
- Go to Connection -> Data
- Specify auto-login name
- We need to generate an SSH-2 RSA key pair with 1024 bits in PuTTYgen
- Enter whatever as the key comment, and choose a key passphrase
- Click save public key and choose a location (you could save this on your student drive for the lab machines)
- Click save private key and do the same (must be .ppk)

SSH-Keys

- Save the public key on the server in a file at `~/.ssh/authorized_keys2`
- Go back to putty and add the private key in SSH -> Auth to the profile you made
- Remember to save this again
- When you log in you'll need to supply your passphrase.
- You can use Pageant to remember your passphrase for the key
- Pageant will forget the passphrase once you close it, though
- That's that.

Questions?



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