

Linux Introduction

Trung Thanh Nguyen

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Basic Commands

- > pwd (where you are)
- > ls (directory listing)
- > du -h (directory size)
- > cd (change directory)
- > which
- > man, info (manual)
- > whatis, apropos (search package descriptions)

Your Home Directory

- `profile/`: profile
- `.forward` (optional) or `.procmailrc` (optional): email directives
- `Maildir/`: email folder
- `etc/www/`: web folder
- `.ssh/`: ssh data
- `.profile` and `.bashrc`: bash shell configuration
- `.cshrc`: C shell configuration
- and others

Create index.html in your web folder

```
<html>  
<body>  
Hi there!  
</body>  
</html>
```

Environment Variables

Install your own applications

```
> mkdir applications
> cd applications
> mkdir bin
> wget http://www.rarlab.com/rar/rarlinux-3.9.3.tar.gz
> tar zxvf rarlinux-3.9.3.tar.gz
> cp rar/rar bin/
> cp rar/unrar bin/
```

Then change PATH

Run Simulations

- top, ps, kill, and nice
- run a matlab script

Resources

- <http://help.ece.ubc.ca> (ECE IT help)
- <http://ctg.ece.ubc.ca> (wiki of communication theory group)
- google