

## Directory Structure ◆root directory / ◆current directory . ◆Parent directory . ◆home directory ~

## Moving Around

- ◆cd /absolute/path
- ◆cd relative/path
- ◆cd

### **Directory and File Commands**

- ♦ Find current directory: pwd
- ♦ List directory content: Is
  - list all files -a
  - list files in long format –l
- Copy files
  - cp file1 file2
  - cp file1 file2 dir
- Move/rename file
  - mv file1 file2
  - mv file1 file2 dir

### Some Useful Commands

- Reference the manual pages
  - man <command>
- Create command aliases
  - alias dir="ls -lX"

# Choices of Editors Console vi, vim emacs pico Editors With X Forwarding egvim xemacs gedit IDEs Netbeans Edipse KDevelop

### **Environment Variables**

- Set an environment variable X
  - export X="something"
- ♦Show an environment variable X
  - echo \$X
- Common environment variables
  - \$HOME, \$PATH
  - \$JAVA\_HOME

### File Permissions

- Three categories of users:
  - owner, group, other
- Three privileges
  - read, write, execute

### File Permission Example

 -rw----- 1 cs320stu31 cs320stu31
 116 Sep 24 14:53 .mysql\_history

 drwx----- 2 cs320stu31 cs320stu31
 4096 Sep 24 14:43 .ssh

 -rw------ 1 cs320stu31 cs320stu31
 790 Sep 24 14:52 .viminfo

 rw------ 1 cs320stu31 cs320stu31
 63 Sep 28 10:09 .Xauthority

 drwxr-xr-x
 2 cs320stu31 cs320stu31
 4096 Sep 24 14:32 .xemacs

### Change File Permissions

chmod

### .bashrc

- Executed every time you log into your account
- ◆A good place to put some commands that help you set up your environment