CSE306 Software Quality in Practice

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the shell

What is the shell?
the shell

A shell is a command interpreter: a user's command line interface (CLI) to the operating system kernel.
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A shell is a command interpreter: a user's command line interface (CLI) to the operating system kernel.

Unix/Linux provide many shells:

- sh
- csh
- tcsh
- bash
- etc.
bash

We will explore bash:

- Basic commands.
- Bash scripting.

Good reference for bash:

- bash manual page
  
  www.tldp.org/HOWTO/Bash-Prog-Intro-HOWTO.html

- Bash Beginners Guide
  
bash

What basic commands do you know?
bash

What basic commands do you know?

ls

cd

pwd

ps

kill
Commands we discussed & demoed in lecture

cd
pwd
ls
mv
mkdir
rm
rmdir
cp
zip
type pwd
pushd popd dirs
cat more less
man
history ! # tab-completion

redirection < > >>
diff

pipe