

Panel 1

Shell Script Review

Shell script: a list of, sequence of commands
+ with control structures \Rightarrow FILE

Executing scripts: sh FILE or
 (chmod u+x FILE
 FILE &

Script parameters: \$1, \$2, ..., \$9
 \$\$ = list of all params
 \$# = number of parameters

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Panel 2

Getting user input: echo "Enter name:"
 read name
 echo "Hi \$name"

Conditionals
 if test
 then
 commands...
 else
 commands
 fi
 elif
 then ...

Loops

for VAR in LIST	while test	until test
do	do	do
...
done	done	done

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Panel 3

Assignment: Create a backup of all files (not directories)
in one directory to another unique directory

/home/bert/junk

{file} → back up
 {files} →
 {tmp} → Not this!

When to use what brackets

Question: /var/log/httpd/access_log
is the log file of SCS's web server.
look at it - first check file size !!

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Panel 4

How often was Jos. Hayleno's page(s)
accessed from machines outside Selon Hall?

grep access_log
 what where

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Panel 5

Better option: use 'tar'

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Panel 6

Tar + Zip is frequently used to package FOSS programs

Ex: Download + install the 'sox sound exchange' program.

tar - Ball

tar combines many files into one
gzip/gunzip compresses/decompress files

HW: download, configure, compile, and
install <http://> 2.2.8 on your
Sciris account!

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