

Setting Up Your Shell Environment

Module 12

Overview

- In this module:
- Login Shell
- Non-login Shell
- profile
- rc file
- Changing Startup Files

What do we want?

- We'd like
- to run commands or set variables at login time
- to run commands or set variables when new sub-shells start
- to set environment variables

Login Shell

- Same shell
- it just knows you've just logged in

Non-Login Shells

- Can be invoked
- directly
- by an application to run a command line

.profile

- Run by a Login Shell only

- Bourne Shell

- .profile

- Bourne Again Shell

- .profile

- .bash_profile

- System-wide Profile

- /etc/profile

'rc' File

- Run by every shell
- including non-login shells
- csh: '.cshrc'
- ksh: '.kshrc'
- bash: '.bashrc'

Where to put things?

- Environment variables
- in .profile
- Commands to run at login
- in .profile
- Shell local variables
- in rc file

Making Changes to Startup Files

- Files only read at certain times
- on login or new shell
- To test, use the '.' (source) command
- For example:
 - . .profile