More
GNU / Linux

Anant Narayanan
August 24, 2007

Overview

- Using your Shell

- GNU coreutils

- Solutions to *your* problems

Exit Status

- 0 - Success

- Nonzero - Failure

Output Files

- cat

- tac

- nl

- od

- base64

Chop Files

- head

- tail

- split

- csplit

Summarize Files

- wc

- sum

- cksum

- md5sum

- sha1sum

File Operations

- dd
- install
- shred

Special File Operations

- link

- ln

- mkfifo

- mknod

- unlink

Disk Usage

- df

- du

- stat

- sync

Filename Manipulation

- basename

- dirname

- pathchk

System Context

- date
- uname
- hostname
- hostid

Switching Contexts

- chroot

- nice

- su

- kill

- sleep

Misc

- touch

- tee

- pwd

- printenv

- id, logname, whoami, groups, users, who

- seq

Too many commands?

- They're not even 1/10th of those available!

- As a result of the UNIX philosophy

- Create one tool that does one job well

- Combine tools to get your job done

|

- Send output of one command to another

` `

- Execute contents and replace

Putting it all in Action

- No more slides, time to interact