

CS 344 – UNIX OS

Fundamentals – Lecture #11

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Working with large files, printing

- view: similar to vi with the read-only flag set
- split: split long files into smaller files
 - split -l linecount filename suffix
- lp: printing files (also lpr -P)
 - lp -dprintername filename
- lpstat: check printer status (also lpq -P)
 - lpstat -dprintername
- cancel: to remove jobs from print queue (also lprm)
 - cancel jobid
- to remove control characters from a file send to the printer use: col -bx
 - cat filename | col -bx | lp -dprinter

Pagination of files with pr

- pagination based on number of lines: `pr -l lines filename`
- customize page headers: `pr -h 'My Header' filename`
- numbered listing: `pr -n filename`
- skipping pages: `pr +npages filename`
- printing multiple files side-by-side: `pr -m file1 file2` (lines that does not fit are truncated)
- print as multiple columns: `pr -ncols filename`

4/18/2005

3

Installing software

- Steps involved:
 - Download
 - Configure
 - Make
- Download and install Apache ant software
 - Download tar gzip file from:
<http://government-grants.org/mirrors/apache.org/ant/source/apache-ant-1.6.2-src.tar.gz>
 - Copy this file to one of the blazer machines
 - Install the software in your home directory
 - Add “ant” to your path

4/18/2005

4

Linux Desktops – Demonstration