

Practical Apache Web Server Administration

with Jon Peck

Quick Reference

Linux Commands

Package Managers

rpm - Fedora, Centos

rpm -qa - list all packages

dpkg - Debian, Ubuntu

dpkg -l - list all packages

Files and Directories

ls - list directory contents

ls -la - verbosely display file and directory information

find directory - search for files in a directory hierarchy

cat - concatenate files and display

head - display beginning of file

tail - display end of file

less - page through contents of a file

grep - display lines matching a pattern

grep -i text - case insensitive search for text

grep -Ri text directory - recursively search directories for text

Apache

apachectl

status - shows what Apache is doing; requires mod_status

start - starts parent web server

stop - children shut down then parent exits; terminates in-progress connections

graceful-stop - in-progress requests completed, then exit; parent shuts down

restart - parent doesn't exist, children stop, config re-read, children respawn

graceful - children finish what they're doing then shutdown, config re-read, children respawn

-V - show configuration settings used when httpd was compiled

-t - test configuration

-t -D DUMP_MODULES - list all enabled modules

Configuration file locations

Fedora and CentOS - /etc/httpd/conf/httpd.conf

One monolithic file

Brute force search: `sudo find / | grep "httpd\conf"`

Debian and Ubuntu - /etc/apache2/apache2.conf

Multiple configuration files included from main

Brute force search: `sudo find / | grep "apache2\conf"`