Linux Quick Reference

SOME USEFUL COMMANDS

Command	Task	Command	Task
File/Directory Basics		File Location	
ls	List files	find	Locate files
ф	Copy files	slocate	Locate files via index
mv	Rename files	which	Locate commands
rm	Delete files	whereis	Locate standard files
ln	Link files	Ele Test M	and and add an
œl	Change directory		anipulation
pwd	Print current directory name	grep	Search text for matching lines
mkdir	Create directory	cut	Extract columns
rmdir	Delete directory	paste	Append columns
	,	tr	Translate characters
File Viewin	•	sort	Sort lines
cat	View files	uniq	Locate identical lines
less	Page through files	tee	Copy stdin to a file and to stdout simultaneously
head	Mew file beginning		to scoot situata leousy
tail	Mew file ending	File Compression	
nl od	Number lines View binary data	gzip	Compress files (CNU Zip)
xxd	View binary data	compress	Compress files (Unix)
gv	View Postscript/PDF files	bzip2	Compress files (BZip2)
xdvi	View TeX DM files	zip	Compress files (Windows Zip)
File Creation and Editing		Elo Comporison	
emacs	Text editor	File Compa	
vim	Text editor	diff	Compare files line by line
umask	Set default file	comm	Compare sorted files
soffice	protections Edit Word/Excel/	amp	Compare files byte by byte
	PowerPoint docs	md5sum	Compute checksums
abiword	Edit Word documents	Disks and Filesystems	
gnumeric	Edit Excel documents	df	Show free disk space
File Properties		mount	Make a disk accessible
stat	Display file attributes	fsck	Check a disk for errors
WC	Count bytes/words/lines	sync	Flush disk caches
du	Measure disk usage	Poda no or	nd Remote Storage
file	Identify file types		•
touch	Change file timestamps	mt dumo	Control a tape drive
chown	Change file owner	dump restore	Back up a disk Restore a dump
dhgrp	Change file group	tar	Read/write tabe archives
	~ ~	ıaı	

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tar

cdrecord

rsync

Read/write tape archives

Mirror a set of files

BurnaCD

List advanced file attributes

attributes

Change file protections

Change advanced file

chmod

chattr

lsattr

SOME USEFUL COMMANDS

Linux Quick Kelerence

SOME USEFUL COMMANDS

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Locate files via inde:

slocate

which

Rename files

Copy files

List files

File/Directory Basics

Command Task

Task

Command

Delete files

Link files

Locate files

find

Command Task File Location Locate standard files

whereis

Locate commands

Search text for matc

grep

Print current directory

name

Create directory Delete directory

Change directory

File Text Manipulation

SOME USEFUL COMMANDS

nand	Task	Command
Directon	Directory Basics	File Locatio
	List files	find
	Copy files	slocate
	Rename files	which
	Delete files	whereis
	Link files	121 - T
	Change directory	FIIE IEXT M
	Print current directory	grep
	name	4
_	Create directory	T
	Delete directory	paste
		tr
/iewing		sort

Locate files via index

Locate files

Locate commands

Locate standard files

/iewing

View Postscript/PDF files View file beginning Page through files View TeX DVI files View file ending View binary data View binary data Number lines

Copy stdin to a file and to stdout simultaneously

-ocate identical lines

uniq

View files

tee

franslate characters

Sort lines

Append columns

Extract columns

Ines

Creation and Editing

Edit Word documents Edit Excel documents Edit Word/Excel/ PowerPoint docs Set default file protections **Text editor Text editor** ieric ā

Properties

Make a disk accessible Check a disk for errors

mount

Show free disk space

Disks and Filesystems

Compute checksums

md5sum

Count bytes/words/lines Change file timestamps Change file protections Change advanced file Display file attributes Measure disk usage Change file owner Change file group Identify file types attributes

File/Directory Basics	ry Basics
S	List files
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File Properties	íies
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chody	Change file owner

Compress files (BZip2)

Compress files (Windows Zip)

Compress files (Unix)

compress

bzip2

zip

Compress files

gzip

File Compression

(GNÜ Zip)

ls/lines stamps otections iced file tes ge dno wner

Control a tape drive

Backups and Remote Storage

Flush disk caches

sync

fsck

orat.	Display IIIC attribute
WC	Count bytes/words/
пр	Measure disk usage
file	Identify file types
tonch	Change file timestar
chown	Change file owner
chgrp	Change file group
chmod	Change file protecti
chattr	Change advanced fi attributes
Isattr	List advanced file attributes

Read/write tape archives

Restore a dump

restore dunp

Back up a disk

Mirror a set of files

Bum a CD

cdrecord

rsync

List advanced file

Command	Task
File Location	
find	Locate files
slocate	Locate files via index
which	Locate commands
whereis	Locate standard files
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grep	Search text for matching lines
cnt	Extract columns
paste	Append columns
tr	Translate characters
sort	Sort lines
nniq	Locate identical lines
tee	Copy stdin to a file and to stdout simultaneously

Search text for matching

anipulation

File Compression

Locate identical line:

unid

Sort lines

sort

Franslate characters

Append columns Extract columns

paste

Copy stdin to a file a to stdout simultaned

View file beginning

head

View file ending

Page through files

View files

g

File Viewing

rmdir

Compress files (BZip2) Compress files (Unix) Compress files (Windows Zip) Compress files (GNÚ Zip) compress bzip2

Compress files (Uni:

compress

bzip2

View Postscript/PDF files

View binary data

View binary data

Number lines

View TeX DVI files

File Creation and Editing

Text editor Text editor

emacs

Мi

Compress files

gzip

File Compression

(GNÜ Zip)

Compress files (BZi

Compress files (Windows Zip)

Compare files line b

File Comparison

Compare sorted file

comm

Set default file

umask

protections

cmp

Compare files byte

by byte

Compute checksum

md5sum

File Comparison

Compare files line by line

File Comparison

Compare sorted files

comm

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сшр

Compare files byte

by byte

Compare files line by line Compare sorted files Compare files byte by byte comm cmp

Disks and Filesystems

Compute checksums

md5sum

Make a disk accessible Check a disk for errors Show free disk space Flush disk caches mount fsck

Backups and Remote Storage

Read/write tape archives Control a tape drive Mirror a set of files Restore a dump Back up a disk Burn a CD cdrecord restore dunp rsync

Control a tape drive

Backups and Remote Storage

Read/write tape ard

Restore a dump

restore

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dunp

Change file timestamps

Change file owner

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Change file group

Mirror a set of files

Burn a CD

cdrecord

Change file protections

chmod

chattr

chgrp

Change advanced file

List advanced file

sattr

Check a disk for erro

mount

Flush disk caches

sync fsck

Count bytes/words/lines

Measure disk usage

Identify file types

Display file attributes

stat

File Properties

gnumeric abiword soffice

Show free disk spac Make a disk accessil

Disks and Filesystems

Edit Word documents Edit Excel documents

Edit Word/Excel/ PowerPoint docs

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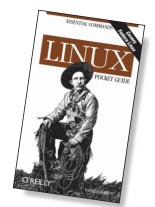
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Linux Quick Reference SOME USEFUL COMMANDS

Command	Task	Command	Task
Printing		Networking	
lpr Ipq	Print files View print queue	ssh	Securely log into remote hosts
lprm	Remove print jobs	telnet	Log into remote hosts
іріііі	Kemove print jobs	scp	Securely copy files
Spelling Op	perations		between hosts
look	Look up spelling	sftp	Securely copy files
aspell	Check spelling	6.	between hosts
_	interactively	ftp	Copy files between hosts
spell	Check spelling in batch	evolution	GUI email client
Processes		mutt	Text-based email client
ps	List all processes	mail	Minimal email client
w W	List users' processes	mozilla	Web browser
uptime	View the system load	lynx	Text-only web browser
top	Monitor processes	wget	Retrieve web pages to disk
xload	Monitor system load	slrn	Read Usenet news
free	Display free memory	gaim	Instant messaging/IRC
kill	Terminate processes	talk	Linux/Unix chat
nice	Set process priorities	write	Send messages to
renice	Change process priorities	Wille	a terminal
		mesg	Prohibit talk/write
Scheduling Jobs			
sleep	Wait for some time	Audio and \	- 1440
watch	Run programs at set	grip	Play CDs and rip MP3s
	intervals	xmms	Play audio files
at	Schedule a job	cdparanoia	Rip audio
crontab	Schedule repeated jobs	audacity	Edit audio
Hosts		xcdroast	Burn CDs
uname	Print system information		
hostname	Print the system's hostname		
., .,	6 1/11 1 1		





Set/display network

Look up domain registrants

Check if host is reachable

View network path to a host

information Look up DNS

ifconfig

host

whois

ping

traceroute