

# UNIT 12

## APPENDIX



### Basic command reference for UNIX/Linux

Linux/UNIX command	Description	MS-DOS equivalent
<code>./foo</code>	start <i>foo</i> (allocated in <i>foo</i> current dir.)	
<code>/-</code>	previous / next doskey command	
<code>cd x (or cd /x)</code>	go to directory <i>x</i>	<code>cd</code>
<code>cd .. (or cd ../ or cd /..)</code>	go down one directory	<code>cd..</code>
<code>x then [tab] &lt;beep&gt; [tab]</code>	view all commands - starting with <i>x</i>	
<code>adduser</code>	add a user to the / system	
<code>ls (or dir)</code>	list a directory	<code>dir</code>
<code>cat</code>	view a textfile on the terminal	
<code>mv x y</code>	move or rename file <i>x</i> to file <i>y</i>	<code>move</code>
<code>cp x y</code>	copy file <i>x</i> to file <i>y</i>	<code>copy</code>
<code>rm x</code>	delete a file	<code>del</code>
<code>mkdir x</code>	make a directory	<code>md</code>
<code>rmdir x</code>	remove a directory	<code>rd</code>
<code>rm -r x</code>	remove directory <i>x</i> and all its underlying files	<code>deltree</code>
<code>rm p</code>	remove a package	<code>-</code>
<code>df (or df x)</code>	Show free space on device <i>x</i>	<code>chkdsk ?</code>
<code>top</code>	view memory status (q to quit)	<code>mem</code>
<code>man x</code>	get a manual page / about command <i>x</i>	
<code>less x</code>	view text file <i>x</i> (note type <code>x  more</code> that the more filter works under Linux too!)	
<code>echo</code>	print something on the screen	

mc	Norton Commander	nc	for UNIX
mount	to couple a device - (e.g. CD-ROM, umount to uncouple)		
halt	to shutdown	-	
reboot ([ctrl] + [alt] + [del])	to restart		[ctrl] + [alt] + [del]

## Advanced commands

chmod <permissions> <file>	Change file permissions
ls -l x	Perform a detailed directory listing for file x
ln -s x y	Make a symbolic link from x to y
find x -name y -print	find file y, begin the search from within directory x and print the results to the screen
ps	to view all running processes
kill x	to terminate process x (x is PID from ps)
[alt] + F1 - F7	switch to terminal 1 - 7 (in text terminal; F7 = X-Windows (when started))
lilo	to make a boot disk

## Terminology

symlink	Symbolic link to another file or directory. Like Win95's shortcuts
shell script	Like MS-DOS's batchfiles; perform a series of commands after another.

## X-Windows

startx	to start X-windows
[ctrl] + [alt] + [backsp]	to quit X during trouble
[ctrl] + [alt] + F1 - F6	to switch to text terminal 1 - 6 (in X-windows)
xf86Config	most primitive setup/configurator for x (in text terminal)
Xconfigurator	another configurator for X in text terminal
xf86Setup	an X-Windows configurator for X
configX	to configure Metro-X server

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X Window System is a trademark of the X Consortium and the Massachusetts Institute of Technology.

## Useful Web and FTP Sites

The following World Wide Web and ftp sites are useful:

**<http://www.azstarnet.com/~axplinux>**

This is David Mosberger-Tang's Alpha AXP Linux web site and it is the place to go for all of the Alpha AXP HOWTOs. It also has a large number of pointers to Linux and Alpha AXP specific information such as CPU data sheets.

**<http://www.redhat.com/>**

Red Hat's web site. This has a lot of useful pointers.

**<ftp://sunsite.unc.edu>**

This is the major site for a lot of free software. The Linux specific software is held in *pub/Linux*.

**<http://www.intel.com>**

Intel's web site and a good place to look for Intel chip information.

**<http://www.ssc.com/lj/index.html>**

The Linux Journal is a very good Linux magazine and well worth the yearly subscription for its excellent articles.

**<http://www.blackdown.org/java-linux.html>**

This is the primary site for information on Java on Linux.

**<ftp://tsx-11.mit.edu/~ftp/pub/linux>**

MIT's Linux ftp site.

**<ftp://ftp.cs.helsinki.fi/pub/Software/Linux/Kernel>**

Linus's kernel sources.

**<http://www.linux.org.uk>**

The UK Linux User Group.

**<http://sunsite.unc.edu/mdw/linux.html>**

Home page for the Linux Documentation Project,

**<http://www.digital.com>**

Digital Equipment Corporation's main web page.

**<http://altavista.digital.com>**

DIGITAL's Altavista search engine. A very good place to search for information within the web and news groups.

**<http://www.linuxhq.com>**

The Linux HQ web site holds up to date official and unofficial patches as well as advice and web pointers that help you get the best set of kernel sources possible for your system.

**<http://www.amd.com>**

The AMD web site.

**<http://www.cyrix.com>**

Cyrix's web site.

**<http://www.arm.com>**

ARM's web site.

Reference e-mails: [raomvp@yahoo.com](mailto:raomvp@yahoo.com)      [roopasindhe@lycos.com](mailto:roopasindhe@lycos.com)

URL / Web Site: <http://www.raomvp.bravepages.com>

**Good-Luck**