

ab		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Benchmarks your Apache server by sending requests to it.		
Syntax:	ab [options...] [http://hostname[:port] /path		
-k	Enables multiple requests in one HTTP session. This is called HTTP KeepAlive.		
-n requests	Specifies the number of requests to run in the benchmark.		
-t timelimit	Specifies the time in seconds to use benchmarking. This will set -n to 50000.		
-c concurrency	Specifies the amount of requests to perform simultaneously. (Default is 1)		
-p postfile	Specifies a file to send in any HTTP POST requests to the Apache server.		
-A user:password	Provides the server with user name and password entered with a : between.		
	NOTE: This will be sent whether the server needs it or not, as uuencoded data.		
-P user:password	Runs the same procedure as the -A switch, but is used with proxy servers.		
-C name=value	Adds a cookie to the request. The option is repeatable.		
-T content-type	Specifies the content-type header for usage with POST data.		
-v verbosity	Specifies verbosity level.		
	NOTE: 2+ warnings and info, 3+ response codes, 4+ shows header info.		
-w output HTML	Shows results in HTML tables (default is two columns wide, white background).		
-H string	Appends more headers to the request. The argument is usually in value:value form.		
-x string	Specifies the attributes for table.		
-y string	Specifies the attributes for tr.		
-z string	Specifies the attributes for td or th.		
-V	Shows version information.		
-h	Shows help information.		
[http://]hostname[:port] /path	Defines the URL to use when benchmarking. Http and port aren't required.		
File Name:	ab	Directory:	/usr/sbin/ Type: External

ac		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Counts how long a user or users have been using their accounts.		
Syntax:	ac [options...] users...		
-d	Shows a list of the time for each day the user has been logged in.		
-p	Shows the total login time for each individual users.		
-t tty	Specifies the tty's only to show time on. Can be used multiple times.		
	NOTE: To exclude a tty, put a ! before typing it. Wildcards can also be used.		
-w file	Reads the time account from specified file, instead of default /var/log/wtmp.		
users...	Specifies the users to show login time on. If none is specified, all users will be used.		
File Name:	ac	Directory:	/usr/sbin/ Type: External
ac -p -t tty*	Shows login time about users from tty*.		
ac -p -t !tty*	Shows login time about users not from tty*.		

accton		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Outputs process accounting to the specified file. Without file, process accounting will be turned off.		
Syntax:	accton { file }		
file	Specifies an existing file where the kernel stores process accounting records.		
File Name:	accton	Directory:	/usr/sbin/ Type: External
accton /var/account/acct	Exports system accounting information to the acct file.		

addftinfo		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Reads troff font file and adds font metric information that is used by the groff system.		
Syntax:	addftinfo [options...] res unitwidth font		
-x-height height	Specifies the height of lowercase letters without ascenders, such as x.		
-fig-height height	Specifies the height of figures.		
-asc-height height	Specifies the height of characters with ascenders for b, d, or l.		
-body-height height	Specifies the height of characters such as parentheses.		
-cap-height height	Specifies the height of uppercase letters such as A.		

-comma-depth <i>height</i>	Specifies the depth of a comma.
-desc-depth <i>height</i>	Specifies the depth of characters with descenders for p, q, or y.
-body-depth <i>height</i>	Specifies the depth of characters such as parentheses.
<i>res</i>	Same as the corresponding parameters in the DESC file.
<i>uniwidth</i>	Same as the corresponding parameters in the DESC file.
<i>font</i>	Specifies the name of a file describing the font.
File Name:	<code>addftinfo</code>
Directory:	<code>/usr/bin/</code>
Type:	External

adduser		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Adds a user to the system. Asks for required additional data that has not been specified on the command line.		
Syntax:	<code>adduser [options...]</code>		
-batch <i>user { groups... } { name } { passwd }</i>	Specifies multiple users on the command line in a compact format. <u>NOTE: Separate multiple groups with commas.</u>		
-check_only	Checks the consistency in password, group, and shell databases.		
-config_create	Creates or edits default configuration information and message file.		
-dotdir <i>directory</i>	Copies the contents in the specified directory to the new user's home directory.		
-e <i>method</i>	Specifies the encryption method to use on the password.		
-group <i>login_group</i>	Specifies the default login group.		
-h	Shows help information.		
-home <i>device</i>	Specifies the partition where all user's home directories are located.		
-message <i>file</i>	Sends a welcome message, specified in file, to new users.		
-noconfig	Will not read the default configuration file.		
-shell <i>shell</i>	Specifies the default shell for the new users.		
-s	Silent mode. Shows less information.		
-uid <i>value</i>	Specifies the lowest UID to generate when creating UIDs for the new users.		
-uid_start <i>value</i>	Specifies the lowest UID to generate when creating UIDs for the new users.		
-uid_end <i>value</i>	Specifies the highest UID to generate when creating UIDs for the new users.		
-v	Verbose mode. Shows more information.		
-unencrypted	Will not encrypt the password for the new user.		
File Name:	<code>adduser</code>	Directory:	<code>/usr/sbin/</code>
		Type:	External

afslog		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Is used to gather AFS tokens for specified cells.		
Syntax:	<code>afslog [options...] { arguments... }</code>		
-d	Shows debug information.		
-c <i>cell</i>	Specifies the cell to use.		
-k <i>realm</i>	Specifies the Kerberos realm to use.		
-p <i>directory</i>	Specifies the directory to find the cell.		
-unlog	Removes all tokens and ignores all following arguments.		
-createuser	Tries to create a remote user principal in another cell.		
<i>arguments...</i>	Is either a name of a cell or a pathname of a file in the cell to get tokens for.		
File Name:	<code>afslog</code>	Directory:	<code>/usr/bin/</code>
		Type:	External

amd		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Tries to automount a file system whenever a directory or file within it is accessed.		
Syntax:	<code>amd [options...] { directories... } { files... }</code>		
-n	Translates alias names into official hostnames.		
-p	Shows the process ID for the command.		
-r	Restarts existing mounts as automounts.		
-v	Shows version and configuration information.		
-a <i>directory</i>	Specifies an alternative directory for the mount points (default is /a).		
-c <i>value</i>	Specifies the duration in seconds to cache a looked-up name (default is 5 minutes).		
-d <i>domain</i>	Specifies the local domain name.		
-k <i>architecture</i>	Specifies the kernel architecture.		
-l <i>file</i>	Specifies the file to put log records to.		

-t <i>interval.interval</i>	Specifies the interval, in tenths of a second, between NFS/RCP/UDP retries. <u>NOTE: The interval after the dot is the retransmit counter.</u>				
-w <i>value</i>	Specifies the interval to wait to dismount the system, after exceeding the cache time.				
-x <i>options...</i>	Specifies what to log in run-time. multiple options must be separated by commas. <u>NOTE: The options are: fatal, error, user, warn, info, map, stats, all.</u>				
-y YP-domain	Specifies an alternative NIS domain from which to fetch the NIS maps.				
-C <i>cluster</i>	Specifies the cluster service name.				
-D <i>options...</i>	Specifies what to debug.				
<i>directories...</i>	Specifies the directory to attach itself.				
<i>files...</i>	Specifies the map name file which determines how to resolve the lookup.				
File Name:	amd	Directory:	/usr/sbin/	Type:	External

amq		UNIX Shell:	All primary shells (csh, ksh, sh)	
Description:	Is used to determine the current state of the <code>amd</code> program.			
Syntax:	<code>amq [options...] { directories... }</code>			
-f	Makes the program to flush the internal caches.			
-h <i>host</i>	Specifies the hostname to query (default is localhost).			
-m	Gets a list of mounted file systems and any errors that occurred while mounting.			
-s	Gets system-wide mount statistics from the automounter.			
-u	Tries to unmount the specified mount directories.			
-v	Shows version information on the automounter.			
<i>directories...</i>	Uses the specific mounted directories. If none is specified, all mount points are used.			
File Name:	amq	Directory:	/usr/sbin/	Type: External

apm		UNIX Shell:		All primary shells (csh, ksh, sh)	
Description:		Shows the current power status or puts the system in standby or suspend mode.			
Syntax:		apm [options...]			
-z		Puts the system in suspend mode.			
-S		Puts the system in standby mode.			
-l		Shows information about estimated battery lifetime in percent.			
-m		Shows information about estimated battery lifetime in minutes.			
-b		Shows the status of the battery. 0 = high, 1 = low, 2 = critical, 3 = charging, 4 = absent, 255 = unknown.			
-a		Shows the status of the external charger. 0 = disconnected. 1 = connected, 2 = backup source, 255 = unknown.			
-f <i>socket</i>		Specifies a socket to connect to apmd through.			
-v		Verbose mode. Shows more information.			
File Name:	apm	Directory:	/usr/sbin/	Type:	External

apmd		UNIX Shell:	All primary shells (csh, ksh, sh)	
Description:	Monitors the APM pseudo-device and executes the actions requested by the <code>apm</code> command.			
Syntax:	apmd [options...]			
-d	Starts debug mode.			
-s	Shows the current battery statistics via <code>syslog</code> .			
-a	Ignores all BIOS-initiated suspend or standby requests when not running on battery.			
-q	Suppress the sound signaling on suspend and standby requests.			
-e	Enables power status messages.			
-p	Shows only battery power messages when the expected lifetime changes.			
-m	Disables all messages coming from the APM driver.			
-t <i>seconds</i>	Specifies the time between information polls (default is 600 seconds).			
-S <i>socket</i>	Specifies an alternative socket for communication with the <code>apm</code> command.			
-f <i>device</i>	Specifies an alternative device to control the APM kernel driver.			
File Name:	apmd	Directory:	/usr/sbin/	Type: External

apply		UNIX Shell:		All primary shells (csh, ksh, sh)	
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Description:	Runs the specified command once for every argument specified. A magic character followed by a number will be replaced by the remaining argument matching the number index.		
Syntax:	apply [options...] <i>command arguments...</i>		
-a character	Specifies the character to use as the magic character (default is %).		
-value	Specifies the number of arguments to be passed to the command each time.		
<i>command</i>	Specifies the command.		
<i>arguments...</i>	Specifies the arguments for the command.		
File Name:	apply	Directory:	/usr/bin/ Type: External
apply -2 ls -l -F -m -F		Runs first ls -l -F, then ls -m -F.	
apply -2 "echo %2 %1" world! Hello "are you?" How		Shows "Hello world!" and then "How are you?"	

appres		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Is used to show how many resources will be used by a specific application.		
Syntax:	appres {class} {instance} [-1] {toolkitoptions}		
class	Is used to specify the class name of an application.		
instance	Is used to specify an instance name in addition to class.		
-1	Matches a specific resource level.		
toolkitoptions	Allows the use of X toolkit options.		
File Name:	appres	Directory:	/usr/X11R6/bin/ Type: External

arch		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Is used to show the computers architecture.		
Syntax:	arch [option]		
-k	You can only use one of the following options and they can't be combined: Shows the kernel architecture - for example, sun4m and sun4c.		
-s			
	Shows the architecture without the system prefix.		
File Name:	arch	Directory:	/usr/bin/ Type: External

arithmetic		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Is a simple math game that keeps track of progress and shows results after every 20 questions.		
Syntax:	arithmetic [options...]		
-o type	Specifies the type of math problem to be tested on.		
+			
-			
x			
/			
-r range	Specifies the range of numbers to be used in the game (default is 10).		
File Name:	arithmetic	Directory:	/usr/games/ Type: External

asa, fpr		UNIX Shell:	All primary shells (csh, ksh, sh)
Description:	Converts Fortran carriage control output to a printable format and sends it to STDOUT.		
Syntax:	asa {files...} fpr {files...}		
files...	Specifies the pathname and a text file to be used for input.		
<SPACE>	The following characters are interpreted as below: Outputs the rest of the line without changes.		
0	Outputs a new line before printing the rest of the line.		
1	Outputs a form feed before printing the rest of the line.		
+	The previous new line is replaced by a carriage return before printing the rest of the line.		
File Name:	asa, fpr	Directory:	/usr/bin/ Type: External