### **UNIX Command Cheat Sheets**



### **UNIX Command Cheat Sheets**

<u>Command</u>	<u>Description</u> (short)	<u>Example</u>	Explanation
date	Writes the current date to the screen	date	Mon Nov 20 18:25:37 EST 2000
sort infile	Sorts the contents of the input file in alphabetical order	sort names	Sorts the contents of <b>names</b> in alphabetical order
who	Tells you who is logged onto your server	who	None
who am I	Tells you your user information	who am i whoami	None
clear	Clears the window and the line buffer	clear	None
echo whatever I type	Writes whatever I type to the screen.	echo hey you!	Writes hey you! to the screen
banner big words	Does the same thing as echo only in BIG words	banner hey!	Writes <b>hey!</b> in large letters on the screen
cat file1 file2 file3	Shows the three files in consecutive order as one document (can be used to combine files)	cat cheese milk	This prints the <b>cheese</b> file to the screen first and immediately follows it with the <b>milk</b> file.
df system	Reports the number of free disk blocks	df ∼ df <b>\$HOME</b>	Both commands will print the total kb space, kb used, kb available, and %used on the home system (your system).
head file	Prints the first 10 lines of the file to the screen	head addresses	Prints the first 10 lines of <b>addresses</b> to the screen
	Number of lines can be modified	head -25 addresses	Prints the first 25 lines of <b>addresses</b> to the screen
tail <b>file</b>	Prints the last 10 lines of the file to the screen	tail <b>test.txt</b>	Prints the last 10 lines of <b>test.txt</b> to the screen
	Number of lines can be modified here, too	tail -32 test.txt	Prints the last 32 lines of <b>test.txt</b> to the screen
more <b>input</b>	This prints to screen whatever is input—useful because it only shows one screen at a time. scroll bar continues to the next screen return moves one line forward Q quits G goes to the end 1G goes to the beginning Ctrl u moves up ½ screen Ctrl d moves down ½ screen	more <b>groceries</b>	This will list the <b>groceries</b> file to the screen.

<u>Command</u>	<b>Description</b> (short)	<b>Example</b>	<b>Explanation</b>
ls (-option-optional)	Lists all the nonhidden files and directories	ls	Lists all nonhidden files and directories in
			the current directory
		ls <b>bin</b>	Lists all nonhidden files and directories in
			the <b>bin</b> directory
ls -1 or 11	Lists all nonhidden files and directories in long	ls -l	Lists all nonhidden files and directories in
	format	11	the current directory in long format
		ls -l <b>work</b>	Lists all nonhidden files and directories in
		ll work	the work directory in long format
ls -a	Lists all files and directories including hidden	ls -a	Lists all files and directories, including
	ones		hidden, in the current directory
		ls -a <b>temp</b>	Lists all files and directories in the temp
			directory.
ls -r	Lists all files and directories in reverse	ls -r	Lists all nonhidden files and directories i
	alphabetical order		the current directory in reverse
			alphabetical order
		ls -r <b>abc</b>	Lists all nonhidden files and directories i
			the <b>abc</b> directory in reverse alphabetical
			order
ls -t	Lists all nonhidden files in the order they were	ls -t	Lists all the nonhidden files in the curren
	last modified		directory in the order they were last
			modified from most recent to last
		ls -t work	Lists all the nonhidden files in the work
			directory in the order they were last
			modified from most recent to last
NOTE: Options can	he combined using Is	ls -al	modified from most recent to last  Lists all files (including hidden (-a)) in
NOTE: Options can	be combined using ls	ls -al	modified from most recent to last
<u>-</u>	be combined using ls	ls -al	modified from most recent to last  Lists all files (including hidden (-a)) in
<u>Important</u>			modified from most recent to last Lists all files (including hidden (-a)) in long format (-l)
	"pipe" directs the output of the first	ls -al	modified from most recent to last  Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen
<u>Important</u>	"pipe" directs the output of the first command to the input of another.	ls -l   more	modified from most recent to last  Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time
Important Characters	"pipe" directs the output of the first command to the input of another. Sends the output of a command to a		modified from most recent to last  Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time  Prints your listing to a file named myfiles
<u>Important</u>	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file	ls -l   more	modified from most recent to last  Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time  Prints your listing to a file named myfiles Appends your filenames to the end of the
Important Characters  >	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a	ls -l   more	modified from most recent to last  Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time  Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file
Important Characters	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a designated file	ls -l   more ls -l > myfiles ls -l >> allfiles	Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file Runs xclock (a clock) allowing you to
Important Characters    >>	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a designated file  Runs command in the background; you can	ls -l   more	modified from most recent to last  Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time  Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file  Runs xclock (a clock) allowing you to keep working
Important Characters	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a designated file  Runs command in the background; you can still work in the window	ls -l   more ls -l > myfiles ls -l >> allfiles	Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file Runs xclock (a clock) allowing you to keep working Writes your home directory to the screen
Important Characters    >>	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a designated file  Runs command in the background; you can still work in the window  Designates the home directory (\$HOME)	ls -1   more ls -1 > myfiles ls -1 >> allfiles xclock &	Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file Runs xclock (a clock) allowing you to keep working Writes your home directory to the screen progA program gets its input from a file
Important Characters    >>	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a designated file  Runs command in the background; you can still work in the window	ls -1   more ls -1 > myfiles ls -1 >> allfiles xclock & echo ~	Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file Runs xclock (a clock) allowing you to keep working Writes your home directory to the screen
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Important Characters    >> & ~	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a designated file  Runs command in the background; you can still work in the window  Designates the home directory (\$HOME)  Designates input from somewhere other than terminal  UNIX has a set of wildcards that it accepts.	ls -1   more ls -1 > myfiles ls -1 >> allfiles xclock & echo ~ progA < input1	Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file Runs xclock (a clock) allowing you to keep working Writes your home directory to the screen progA program gets its input from a file named input1
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Important Characters  > >> &  ~ < Wildcards	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a designated file  Runs command in the background; you can still work in the window  Designates the home directory (\$HOME)  Designates input from somewhere other than terminal  UNIX has a set of wildcards that it accepts.  Any string of characters	ls -1   more ls -1 > myfiles ls -1 >> allfiles xclock & echo ~ progA < input1	Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file Runs xclock (a clock) allowing you to keep working Writes your home directory to the screen progA program gets its input from a file named input1  Lists any file or directory (nonhidden) ending with c
Important Characters  > >> &  ~ < Wildcards	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a designated file  Runs command in the background; you can still work in the window  Designates the home directory (\$HOME)  Designates input from somewhere other than terminal  UNIX has a set of wildcards that it accepts.	ls -1   more ls -1 > myfiles ls -1 >> allfiles xclock & echo ~ progA < input1	Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file Runs xclock (a clock) allowing you to keep working Writes your home directory to the screen progA program gets its input from a file named input1  Lists any file or directory (nonhidden)
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Important Characters  > >> &  ~ < Wildcards  *	"pipe" directs the output of the first command to the input of another.  Sends the output of a command to a designated file  Appends the output of a command to a designated file  Runs command in the background; you can still work in the window  Designates the home directory (\$HOME)  Designates input from somewhere other than terminal  UNIX has a set of wildcards that it accepts.  Any string of characters	ls -1   more ls -1 > myfiles ls -1 >> allfiles xclock & echo ~ progA < input1  ls *.c ls file?	Lists all files (including hidden (-a)) in long format (-l)  Lists your files in long format one screen at a time Prints your listing to a file named myfiles Appends your filenames to the end of the allfiles file Runs xclock (a clock) allowing you to keep working Writes your home directory to the screen progA program gets its input from a file named input1  Lists any file or directory (nonhidden) ending with c Lists any file/directory with file and 1

<b>Command</b>	<u>Description</u> (short)	<b>Example</b>	<b>Explanation</b>
cd directory	Changes your current directory to the directory specified	cd bin	Changes directory to the <b>bin</b> directory
	•	cd	Moves you to the directory that
		cd/	contains the directory you are currently
			in
			Ex. Current
			directory=/home/users/bob/bin
			execute cd
			New directory=/home/users/bob
			or executing cd/
			New directory=/home/users.
		cd -	Moves you to the directory you just
		Cu	came from
		cd ~	Both move you to your home
		cd	directory (the directory you start from
		cu	initially)
			illiciany)
mkdir <b>dirname</b>	Creates a directory	mkdir <b>junk</b>	Makes a directory named junk in
	·	<b>U</b>	your current directory
	You can also designate where the directory is to reside.	mkdir ~/left	Makes a directory in your home
	Ç		directory named left
rm file1 file2 file3	Removes (deletes) file(s)	rm <b>xyz</b>	Deletes a file named xyz
	, , , ,	rm xyz abc	Deletes the files named xyz and abc
		rm *	Deletes everything nonhidden
rm -i file1 file2	Prompts before deletion of files	rm -i *	Prompts at each nonhidden file and
	*******USE -i AT FIRST*****		lets you decide whether or not to
			delete it
rm -f file1 file2	Forces deletion without prompt regardless of	rm -f <b>program</b>	Removes the file <b>program</b> without
	permissions	<b>F</b> - • <b>g</b> - • • • •	regard to permissions, status, etc.
rm -r directory	Remove a directory along with anything inside of it	rm -r <b>bin</b>	Each of these will remove the <b>bin</b>
rm -R directory		rm -R <b>bin</b>	directory and everything inside of it.
rmdir directory	Removes a directory like rm -r does if the directory is	rmdir <b>bin</b>	Removes the <b>bin</b> directory if it is
	empty		empty
****dangerous****	This combination will force the removal of any file	rm -Rf c_ya	Forces removal without prompts of
rm -fR name	and any directory including anything inside of it	_•	the <b>c_ya</b> directory and anything
rm -Rf name	, , , , ,		inside of it
rm -Ri directory	Deletes the contents of a directory and the directory if	rm -Ri rusure	Deletes anything in the directory
	it is empty by prompting the user before each deletion		called <b>rusure</b> that you verify at the
			prompt, and if you remove everything
			in the directory, you will be prompted
			whether you want to remove the
			directory itself or not
NOTE: Options ca	n be combined using rm		
rmdir -p directory		-p/home/bin/dir1	Deletes the <b>dir1</b> directory; if <b>bin</b>
	directories above it (-pi does the same thing but	_	directory is empty, it is deleted, and if
	it prompts before each removal)		home directory is empty it is also
			deleted

<u>Command</u>	<b>Description</b> (short)	<b>Example</b>	<b>Explanation</b>
cp file1 newname	Copies a file (file1) and names the copy the new name (newname)	cp old new	Makes a copy of the file/directory named <b>old</b> and names the copy <b>new</b> , all within the current directory <b>NOTE</b> : If you copy a file to a <i>newfile</i> name and <i>newfile</i> already exists, the <i>newfile</i> contents will be overwritten.
		cp file dir2/	Places a copy of <b>file</b> in <b>dir2</b> / and it retains its original name
		cp/dir1/* .	Copies everything from the dir1 directory located just below where you currently are and places the copy "here" (.) in your current directory
cp -p name target	Preserves all permissions in the original to the target	cp -p execut1 execut2	Copies <b>execut1</b> executable file and calls the copy <b>execut2</b> , which also has executable permissions
cp -R directory target	Copies a directory and names the copy the new name (target)	cp -R old/ junk/	Makes a copy of the directory named <b>old</b> and names the directory copy <b>junk</b>
cp -f name target	Forces existing pathnames to be destroyed before copying the file	none	No example or description needed
mv initial final	Renames files and directories	mv temp script_1	Renames the file (or directory) <b>temp</b> to the name <b>script_1</b> in the current directory
	Also moves files to other directories	mv <b>script.exe</b> ~/bin	Moves the <b>script.exe</b> file to the <b>bin</b> directory that is in the home (~) parent directory <i>and</i> it keeps its initial name
	You can do multiple moves.	mv script_1 script.exe ~/bin	Moves both <b>script_1</b> and <b>script.exe</b> to the <b>bin</b> directory
pwd	Prints the current directory to the screen	pwd	May print something like "/home/bob"
pr (option) filename	Prints the specified file to the default printer (options are not required but <u>can</u> be combined in any order)	pr <b>userlist</b>	Prints the contents of <b>userlist</b> to the default printer
pr +k <b>filename</b>	Starts printing with page k	pr +5 <b>userlist</b>	Prints the contents of <b>userlist</b> starting with page 5
pr -k <b>filename</b>	Prints in k columns	pr -2 <b>userlist</b>	Prints the contents of <b>userlist</b> in 2 columns
pr -a <b>filename</b>	Prints in multicolumns across the page (use with -k)	pr -3a <b>userlist</b> 1	Prints <b>userlist</b> in three columns across the page
pr -d <b>filename</b>	Prints in double space format	pr -d <b>userlist</b>	Prints <b>userlist</b> with double space format
pr-h"header" <b>filename</b>	Prints the file with a specified header rather than the	pr -h "users" <b>userlist</b>	Prints <b>userlist</b> with <i>users</i> as the header

Command	Description (short)	<b>Example</b>	<b>Explanation</b>
lpconfig printer_id queue		lpconfig prntrl bobprt	Configures a printer named <b>prntr1</b> to accept print requests from a local queue named <b>bobprt</b>
lpconfig -r queue	Removes the said queue from the local system	lpconfig -r <b>bobprt</b>	Removes <b>bobprt</b> queue from the local system <i>if</i> the person removing the queue is the owner or "root"
lpconfig -d queue	Makes the said queue the default queue	lpconfig -d vpprnt	Makes <b>vpprnt</b> the default print queue
lpstat (-options)	Prints printer status information to screen (options not required)	lpstat	Prints status of all requests made to the default printer by the current server
lpstat -u"user1, user2"	Prints the status of requests made by the specified users	lpstat -u" <b>bob</b> "	Prints status of all requests made by the user with the id <b>bob</b>
lpstat s	Prints the queues and the printers they print to	none	None
lpstat -t	Shows all print status information	none	None
lpstat -d	Shows the default printer for the lp command	none	None
lpstat -r	Lets you know if the line printer scheduler is running	none	None
lp (-option) file(s)	Like pr, this prints designated files on the connected printer(s) (options not required and options may be combined).	lp <b>junkfile</b>	Prints the file <b>junkfile</b> to the default printer in default one-sided, single- sided, single-spaced format
lp -d <i>dest</i> <b>file</b> ( <b>s</b> )	Prints the file(s) to a specific destination	lp -dbobsq <b>zoom</b>	Sends the file <b>zoom</b> to the <i>bobsq</i> print queue to print
lp -nnumber file(s)	Allows user to designate the number of copies to be printed	lp -n5 <b>crash</b>	Prints five copies of <b>crash</b> in default settings
lp -t <i>title</i> <b>file</b> ( <b>s</b> )	Places <i>title</i> on the banner page	lp -t <i>Bobs</i> cash	Prints <i>Bobs</i> on the banner page of the file printout named <b>cash</b>
lp -ooption file(s)	Allows printer-specific options to be used (i.e., double-sided or two pages per side, etc.)	lp -od <b>output</b>	Prints the <b>output</b> file double-sided on the printout
		lp -obold output	Prints <b>output</b> in bold print
		lp -ohalf output	Divides the paper into two halves for printing <b>output</b>
		lp -oquarter output	Prints four pages of <b>output</b> per side of paper
		lp -olandscape output	Prints <b>output</b> in landscape orientation
		lp -oportrait output	Prints <b>output</b> in portrait orientation
NOTE: Options can be	e combined using lp		
cancel request_id	Stops print jobs or removes them from the queue ( <b>request_ids</b> are obtained using lpstat)	cancel <b>5438</b>	Stops the print job with the id <b>5438</b> whether it is printing or if it is sitting in the queue
cancel -a <b>printer</b>	Removes all print requests from the current user on the specified printer	cancel -a <b>bobsprt</b>	Removes all the requests from the current user to the printer named <b>bobsprt</b>
cancel -u login_id	Removes any print requests queued belonging to the user	cancel -u <b>bob</b>	Cancels all queued print requests for user <b>bob</b>

<u>Command</u>	<u>Description</u> (short)	<u>Example</u>	<u>Explanation</u>
ps	Shows certain information about active processes associated with the current terminal	ps	Shows a listing of process IDs, terminal identifier, cumulative execution time, and command name
ps -e	Shows information about all processes	ps -e	Shows a listing of process IDs, terminal identifiers, cumulative execution time, and command names for all processes
ps -f	Shows a <i>full</i> listing of information about the processes listed	ps -f	Shows UID (user or owner of the process), PID (process IDuse this number to kill it), PPID (process ID of the parent source), C (processor utilization for scheduling), STIME (start time of the process), TTY (controlling terminal for the process), TIME (cumulative time the process has run), and COMMAND (the command that started the process)
ps -u <b>user_id</b>	Shows all processes that are owned by the person with the pertinent user_id	ps -u <b>bob</b>	Shows all the processes that belong to the person with the userid <b>bob</b>
ps -ef	Shows all processes in a full listing	ps -ef	Shows all current processes in full listing
kill process_id	Stops the process with the said id	kill <b>6969</b>	Kills the process with PID <b>6969</b>
kill -9 process_id	Destroys the process with the said <b>id</b>	kill -9 <b>6969</b>	PID # <b>6969</b> doesn't have a chance here.
grep string file	Searches input file(s) for specified string and prints the line with matches	grep mike letter	Searches for the string <b>mike</b> in the file named <b>letter</b> and prints any line with <b>mike</b> in it to the screen
grep -c string file	Searches and prints only the number of matches to the screen	grep -c hayes bankletter	Searches the file <b>bankletter</b> for the string <b>hayes</b> and prints the number of matches to the screen
grep -i string file	Searches without regard to letter case	grep -i hi file1	Searches file1 for hi, Hi, hI, and HI and prints all matches to the screen
grep -n string file	Prints to the screen preceded by the line number	grep -n abc alpha	Searches <b>alpha</b> for <b>abc</b> and prints the matches' lines and line numbers to the screen
grep -v string file	All lines that do not match are printed	grep -v lead pencils	Prints all lines in <b>pencils</b> that <i>do not</i> contain the string <b>lead</b>
grep -x string file	Only exact matches are printed	grep -x time meetings	Prints only lines in <b>meetings</b> that match <b>time</b> exactly
	grep is useful when you use it in a   "pipe"	ps -ef   grep <b>bob</b>	Finds all processes in full listing and then prints only the ones that match the string <b>bob</b> to the screen
	You can also redirect its output to a grefile.	ep -i jan b_days>mymonth	Searches the file <b>b_days</b> for case- insensitive matches to <b>jan</b> and places the matching lines into a file called <b>mymonth</b>

Command	Description (short)	Example	<b>Explanation</b>
vuepad filename	Opens <b>filename</b> for editing/viewing in the vuepad editor	none	None
vi <b>filename</b>	Text editor that exists on every UNIX system in the world	none	None
emacs filename	Another text editor	none	None
compress filename	Compresses the file to save disk space.	none	None
uncompress filename	Expands a compressed file	none	None
awk	UNIX programming language	none	None
eval 'resize'	Tells the target computer that you've resized the window during telnet	none	None
chexp # filename	Keeps the file(s) from expiring (being erased) on the target computer for # days	chexp 365 <b>nr*</b>	Keeps the target computer from deleting all files starting with <b>nr</b> for 1 year (365 days)
		chexp 4095 <b>nr*</b>	Makes all files whose name starts with <b>nr</b> <u>never</u> expire or be deleted (infinite)
qstat	Displays the status of a process that has been submitted the Network Queuing System (basically a batch job)	qstat	Shows the status of the requests submitted by the invoker of the command—this will print request-name, request-id, the owner, relative request priority, and request state (is it running yet?)
		qstat -a	Shows all requests
		qstat -l	Shows requests in long format
		qstat -m	Shows requests in medium- length format
		qstat -u <b>bob</b>	Shows only requests belonging to the user <b>bob</b>
		qstat -x	Queue header is shown in an extended format
xterm xterm -option xterm +option	Opens a new window (x-terminal) for you to work -option sets the option +option resets the option to default	xterm	This opens another window like the one you are currently working in. USING XTERM WILL ELIMINATE A LOT OF DESKTOP CLUTTER. I STRONGLY SUGGEST YOU LEARN TO USE IT IN YOUR SCRIPTS.
xterm -help	Displays the xterm options	xterm -help	Shows the options available
		1	

<u>Command</u>	Description (short)	<b>Example</b>	(Explanation)
xterm -e <b>program</b>	Executes the listed program in the new xterm window—when the program is finished, the new xterm window goes away	xterm -e myprog.exe	This opens an xterm window and executes the program <b>myprog.exe</b> from that window so that you may still work in your present window.
xterm -sb	Opens an xterm that saves a set number of lines when they go off the top of the page and makes them accessible with a scroll bar	xterm -sb	Puts a scroll bar on the right side of the page for reviewing past lines in the window NOTE: When clicking in the scroll bar, the left button scrolls down, the right scrolls up, and the middle snaps the scroll bar to the mouse position for dragging up and down.
xterm -sl <b>number</b>	Specifies the <b>number</b> of lines to be saved once they go off the top of the screen (default is 64)	xterm -sl 1000	The xterm will save 1,000 lines of work once it has moved off the immediate viewing area; it can be accessed using the scroll bar.
xterm -geom xxy+px+py	This option allows you to specify the size <b>x pixels</b> by <b>y pixels</b> and placement <b>position x</b> by <b>position y</b> of the new window when it opens.  Position +0+0 is the top left-hand corner of the screen, and the bottom right is approx. +1200+1000 depending on your resolution.  Note: The size of the window takes precedence over position, so if you position it too close to the side of the screen, it will position at the edge with the correct size.	xterm -geom 80x80+0+50	The first command will open a window 80 pixels wide by 80 pixels tall and position its top left-hand corner at 0 pixels to the right of the left edge and 50 pixels down from the top of the screen.
		xterm -geom 10x35+300+500	The second command will open a window 10 pixs wide by 35 pixs tall and position its top left-hand corner 300 pixs from the left edge and 500 pixs down from the top.  The third command will make a 5 by
		xterm -geom 5x5+0+0	5 window and position its top left- hand corner at the top left-hand corner of the screen. xterm will not compromise size when positioning.
xterm -title <b>label</b>	Allows you to label your window's top title bar	xterm -title SCRIPTS	Opens an xterm window with the title SCRIPTS (default is whatever follows the -e option)
xterm -(areas) color	Allows you to modify different colors in your xterm window	xterm -bg white xterm -bd huntergreen	The first command sets the background color to <b>white.</b> The second command sets the
		xterm -fg <b>red</b>	window border color to huntergreen. The third command window sets the text color to red.

xterm -fn <b>font</b>	Sets the font in the new xterm window	xterm -fn courr18	Sets the font to <b>courr18</b> (default is <i>fixed</i> )
xterm -iconic	Starts the new xterm as an icon (double-click to maximize)	xterm -iconic -title xyz	Opens an xterm in iconic form with the title <b>xyz</b>
NOTE: Options ca	n be combined using xterm		•

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