Buffers

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
Emacs Buffers	Emacs information and edited files are all held inside Emacs buffers. This table lists the commands you can use to list and manage buffers. PEL provides the pel-pkg-for-buffer customization group to control some aspect of Emacs buffers. The user options are: • pel-use-uniquify • inactivates uniquify • inactivates the ascii-table external package. See Help/Info for the key binding. • inactivates the ascii-table external package used to display and manipulate the content of the current buffer in hexadecimal. • inactivates the nhexl-mode external package used for piping up a list of buffers.		
		•	buffers. See the <u>Number with Mindows</u> table for its description.
Open this PDF file. See also: <u>Nelp/Info</u>	<f11> b <f1></f1></f11>	(pel-help-pdf &optional OPEN-WEB- PAGE)	Open the <u>Notifiers</u> local PDF. If the prefix argument (like C-u or M) is used, then it opens the remote GitHub hosted raw PDF instead. If the pel-flip-help-pdf-arg useroption is set it's the other way around.
<u>∑ Customize</u> PEL Buffer Support	<f11> b <f2></f2></f11>	(pel-customize-pel &optional OTHER-WINDOW)	Customize PEL Buffer support: open PEL buffer support specific group. • If OTHER-WINDOW is non-nil (use C-u), display in other window.
∑ Customize Emacs & external package buffer support	<f11> b <f3></f3></f11>	(pel-customize-library &optional OTHER-WINDOW)	Customize Emacs and external packages related to buffer. This includes the following customize groups: Buffer-menu, ibuffer, minibuffer, hexl, nhexl, popup-switcher. When a prefix argument (like C-u) opens the buffer inside another window. • PEL prompts for files that may not be loaded to allow you to access all customization groups.
List Buffers & Switch to Buffer	The first 2 commands open a menu overlaid on the current buffer that you can use to switch to another buffer: • buffer-menu-open is a drop-down hiererchical menu • psw-switch-buffer is a pop-up menu. The switch-to-buffer command uses a prompt at the bottom of the frame. The list-buffers and ibuffer commands use a new buffer.		
Open buffer menu	• C- <f10></f10>	(buffer-menu-open)	Start key navigation of the buffer menu.
See also: <u>Menus</u>	• <c-down- mouse-1></c-down- 		Lists buffers in a drop-down menu. Lists the buffers by major-mode when several buffers of the same major-mode are opened. In graphics mode this can also be invoked using the <c-down-mouse-1></c-down-mouse-1>
List open buffers in	<f11> b b</f11>	(psw-switch-buffer &optional ARG)	Show buffers list menu to switch buffer in a popup window menu.
popup menu		(por one)	If ARG show only buffers with files and without * in the beginning and end of the buffer name. Requires popup-switcher activated by PEL when pel-use-popup-switcher user-
Switch to buffer	C-x b	(switch-to-buffer BUFFER-OR-NAME	option is turned on (t). Switch window to display the previous, or another buffer (entered at echo area prompt).
See also: <u>See Completion/Input</u>	C-x B	&optional NORECORD FORCE-SAME-WINDOW)	The invisible buffers have a name that start with a space. To see them type space and tab and a list of those buffers will appear before the list of visible buffers. See Sompletion/Input for description of completion modes available.
List all buffers	С-х С-ь	(list-buffers & optional ARG) (ibuffer & optional OTHER-WINDOW-P NAME QUALIFIERS NOSELECT SHRINK FILTER-GROUPS FORMATS)	Display a list of existing buffers in a buffer named "*Buffer List*", the buffer displays information about all buffers and enters the <i>Buffer Menu Mode</i> . See the keystrokes for the Buffer Menu Mode below. The PEL package uses the 'ibuffer' function instead, which provides more functionality, working like dired, allowing to sort by name, size, mode, filtering by mode (hit return on the mode of a buffer). Type <f1> m to get the list of possible actions that can be done on the listed buffers.</f1>
Next/Previous Buffer	The following command	ds change current buffer to next or previous	s buffer, or to what was used last.
Switch to next buffer	• C-x <right> • C-x C-<right> • <f11> b n</f11></right></right>	(next-buffer)	Switch to the next buffer displayed in the current window. • This command is also available in the pel-∑buffer Hydra as M-n
Switch to previous buffer	• C-x <left> • C-x C-<left> • <f11> b p</f11></left></left>	(previous-buffer)	Switch to the previous buffer displayed in the current window. • This command is also available in the pel-∑buffer Hydra as M-p
Switch to previous buffer in window	<f11> b 1</f11>	(pel-switch-to-last-used – buffer)	Switch buffer in current window to the buffer previously seen in this window. Used twice returns to the same buffer.
To next/previous recently visited buffer	The following commands let you flip between recently visited buffers in a way that resembles what Alt-Tab and Alt-Shift-Tab does on Windows. • A list of buffers is shown in the minibuffer at the bottom of the screen when you use the command. • You can also identify buffer filtering in the iflipb customization group (use <f11> b <f3> and select iflipb to access it). • This requires the iflipb external package PEL activates it when pel-use-iflipb user-option is turned on (set to t). This also forces activation of the hydra package because the iflipb commands are bound to the pel-∑buffer Hydra. allowing quick single keystroke access without the use of a prefix key. • To gain access to the keys, type <f7> <f9> key sequence to start the pel-∑buffer Hydra. Then type <f9> or <s-f9> to flip through buffers. • Stop the Hydra with <f7></f7></s-f9></f9></f9></f7></f3></f11>		
Activate the pel-∑buffer Hydra	<f7> <f9></f9></f7>	M-n: next	r Selection
Flip to next buffer	<f7> <f9> >> <f9> >> <f9> >> <f9> >> <f9> ></f9></f9></f9></f9></f9></f7>	(iflipb-next-buffer ARG)	Flip to the next buffer in the buffer list. Consecutive invocations switch to less recent buffers in the buffer list. Buffers matching 'iflipb-always-ignore-buffers' are always ignored. Without a prefix argument, buffers matching 'iflipb-ignore-buffers' are also ignored.
Flip to previous buffer	<f7> <f9> >> <s-f9></s-f9></f9></f7>	(iflipb-previous-buffer)	Flip to the previous buffer in the buffer list. Consecutive invocations switch to more recent buffers in the buffer list.
Kill buffer (but keep the flip buffer state)	<f7> <f9> ▶ M-k</f9></f7>	(iflipb-kill-buffer)	Same as 'kill-buffer' but keep the iflipb buffer list state.
Buffer Selection	The Buffer Selection commands are also available through the pel-∑buffer Hydra.		
Show next buffer in selection	<f7> <f9> >> M</f9></f7>	(pel-bs-next)	Show next buffer in current window. Next buffer is selected by the criteria selected by bs-show and bs-configuration.
Show previous buffer in selection	<f7> <f9> >> M-,</f9></f7>	(pel-bs-previous)	Show previous buffer in current window. Next buffer is selected by the criteria selected by bs-show and bs-configuration.
Customize buffer selection	<f7> <f9> >> M-c</f9></f7>	(bs-customize)	Customization of group bs for Buffer Selection Menu.

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
Show Buffer Selection	<f7> <f9> ▶ M-s</f9></f7>	(bs-show ARG)	Make a menu of buffers so you can manipulate buffers or the buffer list. There are many key commands similar to 'Buffer-menu-mode' for manipulating the buffer list and the buffers themselves. User can move with [up] or [down], select a buffer by RET or [SPC] Type q to leave Buffer Selection Menu without a selection. Type? after invocation to get help on commands available. With prefix argument ARG show a different buffer list. Function 'bsconfiguration-name-for-prefix-arg' determine accordingly name of buffer configuration.
Manage Buffers	The following command	ds support buffer management: display info	ormation, change read-only mode, clone buffer, rename buffer, kill buffer, etc
Show name of previous buffer in window	<f11> b ?</f11>	(pel-show-window-previous-buffer)	Show the name of previous buffer used in the current window.
Toggle read-only status of buffer	• C-x C-q • <f11> b r</f11>	(read-only-mode &optional ARG)	When the buffer is in read-only mode the mode-line shows '%%' on the left side, in the 'ch' area of "cs:ch-fr buf pos line (major minor)". The manual states: "For a read-only buffer, it shows '%*' if the buffer is modified, and '%%' otherwise." See also: the View Mode activating commands toward the end of this table. A buffer in View Mode cannot be modified. The View Mode may be used to ensure that no modifications are made to a buffer (visiting a file or not).
Clone buffer	<f11> b c</f11>	(clone-buffer &optional NEWNAME DISPLAY-FLAG)	Create and return a twin copy of the current buffer. • Unlike an indirect buffer, the new buffer can be edited independently of the old one (if it is not read-only). NEWNAME is the name of the new buffer. It may be modified by adding or incrementing <n> at the end as necessary to create a unique buffer name. • For example if buffer *Help* is opened it opens another one named *Help*<2> (or *Help*<3> if *Help*<2> already exists, etc)</n>
Rename a buffer	<f11> b R</f11>	(rename-buffer NEWNAME &optional UNIQUE)	If UNIQUE argument is non-nil via C-u M-x rename-buffer, the name is auto generated to be unique.
Rename buffer - use unique name	<f11> b U</f11>	(rename-uniquely)	Rename the current buffer by adding ' <number>' to the end. • Use this if you want multiple *Buffer* or *Info* buffers for example. • Example: StackExchange: How can I have multiple help buffer with different content</number>
Kill current buffer See also: <u>▼ Windows</u>	• <f11> b k • %-k • %-&</f11>	(kill-current-buffer)	Kill (close) the current buffer. Does not prompt if there is no change in the buffer. • PEL also provides a window management Hydra with ability to kill the current buffer. See ▼ Windows for more info.
Kill buffer	C-x k	(kill-buffer &optional BUFFER-OR-NAME)	Kill (close) the current buffer. • Always prompt to identify a buffer, current is identified. Press enter to kill the buffer.
Kill current buffer and close window See also: Windows	• C-x 4 0 • <f7> k</f7>	(kill-buffer-and-window)	Kill the current buffer and delete the selected window. • PEL also provides a window management Hydra with ability to kill the current buffer and close windows in separate operations. See <u>▼ Windows</u> for more info.
Kill some buffer		(kill-some-buffers &optional LIST)	Kill some buffers. Asks the user whether to kill each one of them.
Delete all windows of a specific buffer		(delete-windows-on &optional BUFFER-OR-NAME FRAME)	Deletes all windows showing BUFFER-OR-NAME, by calling 'delete-window' on those windows.
Accumulating Text	Emacs provides the fol	lowing commands to insert text in buffer from	om various sources.
Append region to specified buffer	<f11> b M-a</f11>	(append-to-buffer BUFFER START END)	Append to specified BUFFER the text of the region. The text is inserted into that buffer before its point. BUFFER can be a buffer or the name of a buffer; this function will create BUFFER if it doesn't already exist.
Prepend region to specified buffer	<f11> b M-p</f11>	(prepend-to-buffer BUFFER START END)	Prepend to specified BUFFER the text of the region. The text is inserted into that buffer after its point. BUFFER can be a buffer or the name of a buffer; this function will create BUFFER if it doesn't already exist.
Copy region to specified buffer (replacing old content)	<f11> b C-c</f11>	(copy-to-buffer BUFFER START END)	Copy to specified BUFFER the text of the region. The text is inserted into that buffer, replacing existing text there. BUFFER can be a buffer or the name of a buffer; this function will create BUFFER if it doesn't already exist.
Insert content of specified buffer at point	<f11> b i</f11>	(insert-buffer BUFFER)	Insert after point the contents of BUFFER. • Puts mark after the inserted text. • BUFFER may be a buffer or a buffer name.
Append region's text to specified file	<f11> b f</f11>	(append-to-file START END FILENAME)	Append the contents of the region to the end of file FILENAME. • This does character code conversion and applies annotations like 'write-region' does.
Indirect Buffers	ways it is a buffer analous editing either one are vidifferent names, different	ogue of a symbolic link between files. The sisible immediately in the other. But in all other training of point, different narrowing, different narrowing, different narrowing, different narrowing.	shares the text of some other buffer, called the base buffer of the indirect buffer. In some text of the indirect buffer is always identical to the text of its base buffer; changes made by her respects, the indirect buffer and its base buffer are completely separate. They can have be the markers, different major modes, and different local variables." is but want to narrow an area in 1 buffer while seeing the complete text in the other window.
Create indirect buffer explicitly	<f11> b I m</f11>	(make-indirect-buffer BASE-BUFFER NAME &optional CLONE)	Create and return an indirect buffer for buffer BASE-BUFFER, named NAME. BASE-BUFFER should be a live buffer, or the name of an existing buffer. NAME should be a string which is not the name of an existing buffer. Optional argument CLONE non-nil means preserve BASE-BUFFER's state, such as major and minor modes, in the indirect buffer. CLONE nil means the indirect buffer's state is reset to default values.
Create indirect buffer of current buffer	<f11> b I c</f11>	(clone-indirect-buffer NEWNAME DISPLAY-FLAG & optional NORECORD)	Create an indirect buffer that is a twin copy of the current buffer.
	Give the indirect buffer name NEWNAME. Interactively, read NEWNAME from the minibuffer when invoked with a prefix arg. If NEWNAME is nil or if no called with a prefix arg, NEWNAME defaults to the current buffer's name. The name is modified by adding a ' <n>' suffix to it or by incrementing the N is an existing suffix. Trying to clone a buffer whose major mode symbol has a non-nil 'no-clone-indirect' property results in an error. DISPLAY-FLAG non-nil means show the new buffer with 'pop-to-buffer'. This is always done when called interactively. Optional third arg NORECORD non-nil means do not put this buffer at the front of the list of recently selected ones.</n>		
Create indirect buffer of current buffer in another window	• C-x 4 c • <f11> b I w</f11>	(clone-indirect-buffer-other-window NEWNAME DISPLAY-FLAG &optional NORECORD)	Like 'clone-indirect-buffer' but display in another window.
Edit Binary file with hexl	use the hexl-find-	ilt-in <u>hexI</u> mode to edit files in hexadecimal file to open the file in binary mode, or e command to convert an already opened t	I mode. To use it you must: buffer. To exit this mode and go back to the original mode type C-c C-c
Open a file in hexl-mode	<f11> f M-x</f11>	(hexI-find-file FILENAME)	Edit file FILENAME as a binary file in hex dump format. • Switch to a buffer visiting file FILENAME, creating one if none exists, and edit the file in 'hexl-mode'.
See also: <u>∑ File-mngt</u> Toggle hexl mode	<f11> b M-x</f11>	(hexl-mode &optional ARG)	Toggle the hexl mode: a mode for editing binary files in hex dump format.
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Operation	<u>Keystroke</u>	Function	<u>Note</u>	
		, , ,	e current mode's behavior, but not all; also, you can exit Hexl mode and return to the	
	previous mode using 'hexl-mode-exit'. This function automatically converts a buffer into the hexl format using the function 'hexlify-buffer'. Each line in the buffer has an "address" (displayed in hexadecimal) representing the offset into the file that the characters on this line are at and 16 characters from the file (displayed as hexadecimal values grouped every 'hexl-bits' bits, and as their ASCII values). If any of the characters (displayed as ASCII characters) are unprintable (control or meta characters) they will be replaced by periods.			
Insert a byte in decimal	C-M-d	(hexl-insert-decimal-char ARG)	Insert a character given by its decimal code ARG times at point.	
Insert a byte in octal	С-М-о	(hexl-insert-octal-char ARG)	Insert a character given by its octal code ARG times at point.	
Insert a byte in hex	C-M-x	(hexl-insert-hex-char ARG)	Insert a character given by its hexadecimal code ARG times at point.	
Goto 512-byte page	С-м-а	(hexl-beginning-of-512b-page)	Go to beginning of 512 byte boundary.	
start				
Goto to 512-byte page end	С-М-е	(hexl-end-of-512b-page)	Go to end of 512 byte boundary.	
Goto 1K end	C-x]	(hexl-end-of-1k-page)	Go to end of 1KB boundary.	
Goto 1K beginning	C-x [(hexl-beginning-of-1k-page)	Go to beginning of 1KB boundary.	
Goto address entered in hexadecimal	M-g	(hexl-goto-hex-address HEX- ADDRESS)	Go to Hexl mode address (hex string) HEX-ADDRESS. • Signal error if HEX-ADDRESS is out of range.	
Goto to address entered in decimal	М-ј	(hexl-goto-address ADDRESS)	Go to hexl-mode (decimal) address ADDRESS. • Signal error if ADDRESS is out of range.	
Exit hexl mode	C-c C-c	(hexl-mode-exit &optional ARG)	Exit Hexl mode, returning to previous mode. • With arg, don't unhexlify buffer.	
Hexadecimal	The pheyl-mode e	external nackage used to display and manin	ulate the content of the current buffer in hexadecimal and manipulate hex dump files.	
Editing with nhexl	I —	stalls and activates this package when the p		
	• Use the <f11></f11>	b <f2> key sequence to open the PEL b</f2>	ouffer customization buffer to access this user option.	
	Good nhexl-mode f	I mode is on, turn it off by executing the nhe features:	exi-mode command again.	
	The nhexl-mode keep	eps the undo history when you toggle the nh	hexl mode. Something that the helx mode does not do. need to use specialized commands. PEL home and end commands work.	
Toggle buffer between	<f11> b x</f11>	(nhexl-mode &optional ARG)	Toggle minor mode to edit files via hex-dump format.	
normal and hex display		(Requires the <u>nhexl-mode</u> package activated when pel-use-nhexl user option is t.	
Activate Hex nibble	<f11> b X</f11>	(nhexl-nibble-edit-mode &optional	Minor mode to edit the hex nibbles in 'nhexl-mode'.	
editing mode		ARG)	⚠Note: only works after nhexl-mode has been activated once.	
			Requires the <u>nhexl-mode</u> package discrivated when pel-use-nhexl user option is t.	
Buffer View Mode	Several commands (viccommands are available		vate the View Mode for a buffer where the buffer is essentially read-only and special	
View buffer - no	<f11> b v</f11>	(view-buffer BUFFER &optional EXIT-	View BUFFER in View mode, returning to previous buffer when done.	
modification allowed		ACTION)	 Emacs commands editing the buffer contents are not available; instead, a special set of commands (mostly letters and punctuation) are defined for moving around in the buffer. Space scrolls forward, Delete scrolls backward. Type H for a list of all View commands. See the View Mode command list below. 	
View Mode commands		ow this message.		
		ovide prefix arguments. gative prefix argument.		
		ove to the beginning of buffer.		
		ove to the end of buffer. Foll so that buffer end is at last line of window	w.	
		oll forward "page size" lines. With prefix s oll backward "page size" lines. With prefix s		
	z like	e SPC but with prefix sets "page size" to pr	refix.	
		 DEL but with prefix sets "page size" to pr oll forward "half page size" lines. With prefi 	refix. ix, sets "half page size" to prefix lines and scrolls forward that much.	
	u scr	roll backward "half page size" lines. With pr	refix, sets "half page size" to prefix lines and scrolls backward that much.	
		roll forward one line. With prefix scroll forward one line. With prefix scroll backward one line.		
		rert-buffer if necessary and scroll forward. United the current line number.	Use this to view a changing file.	
	% goe	es prefix argument (default 100) percent into		
	_	goes to line given by prefix argument (default first line). set the mark. exchanges point and mark.		
	x exc			
	reti	urn to mark and pops mark ring. Mark ring The mark is set on jump to buffer start or e	is pushed at start of every successful search and when jump to line occurs. end.	
		ve current position in character register. to position saved in character register.		
	s do	forward incremental search.		
		reverse incremental search. arches forward for regular expression, startir	ng after current page. ! and @ have a special meaning at the beginning of the regexp:	
	! means search for a line with no match for regexp. @ means start search at beginning (end for backward search) of buffer. \ searches backward for regular expression, starting before current page.		regexp.	
		arches forward for last regular expression. arches backward for last regular expression.		
	_			
	-	quit View mode, restoring this window and buffer to previous state. q is the normal way to leave view mode. exit View mode but stay in current buffer. Use this if you started viewing a buffer (file) and find out you want to edit it. This command restores the previous read-only status of the buffer.		
	e exi			
		This command restores the previous read-only status of the buffer. t View mode, and make the current buffer editable even if it was not editable before entry to View mode.		
		t View mode, restoring all windows to previous state. t View mode and maybe switch buffers, but don't kill this buffer.		
		it View mode, kill current buffer and go back		
	The effect of c , q and C depends on how view-mode was entered. • If it was entered by view-file , view-file-other-window , view-file-other-frame , or M-x dired-view-file (M-x view-file, M-x view-file-other-window, M-x view-file-other-frame, or the Dired mode v command), then q will try to kill the current buffer. • If it wiew-mode was entered from another buffer, by <f11> b</f11> v , M-x view-file-other-window, M-x view-buffer-other frame, M-x view-file, M-x view-file-other-window, M-x view-buffer-other frame, M-x view-file-other-window, M-x view-buffer-other frame, M-x view-file-other-window, M-x view-buffer-other frame, M-x view-file-other-window, M-x view-buffer-other-window, M-x view-file-other-window, M-			
	other-window, or M-	-x view-file-other-frame, then c , q and C wil	I return to that buffer.	

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
Buffer Menu Mode	The full list of key bi	ndings is available via the <f1> m key.</f1>	n (list-buffer) is executed. This buffer support the following commands. to the list of commands and key bindings that are available differ. They are listed in the next
Buffer Menu Mode keys	• C-n : next but • SPC : next but • n : next but • p : previous • d : mark but • k : mark but • k : mark but • k : save but • d : Move tot • M- : Remove • u : unmark • x : execute • - : mark but • \$: toggle r • 1 : display • 2 : Display • o : replace • m : next but • replace	buffer list ffer in list ffer in list ffer in list ffer in list s buffer in list s buffer in list s buffer in list ffer for deletion ffer for deletion ffer for deletion ffer for deletion ffer previous line, remove all marks on buffer a specific mark from all buffers all marks on buffer marked commands (delete buffers marked ffer as un-modifiable ead-only emacs in full emacs screen this buffer & next in horizontal window other (next) window with this buffer ffer to be displayed in windows buffers marked with in as many windows as	: immediately : immediately : immediately : immediately : immediately : immediately : when pressing v
iBuffer Mode See also: <u>∑ ibuffer-mode</u>	The commands available in the ibuffer window. With PEL, the C-x C-b key binding open the lbuffer window.		
IBuffer Mode commands	S : Save the marked buffers. A : View the marked buffers in the selected frame. H : View the marked buffers in another frame. V : Revert the marked buffers. T : Toggle read-only state of marked buffers. L : Toggle lock state of marked buffers. D : Kill the marked buffers. D : Kill the marked buffers. M-s a C-s : Do incremental search in the marked buffers. M-s a C-m-s : Isearch for regexp in the marked buffers. Replace by regexp in each of the marked buffers. I : Replace by regexp in each of the marked buffers. I : As above, with a regular expression. P : Print the marked buffers. O : List lines in all marked buffers which match a given regexp (like the function 'occur'). X : Pipe the contents of the marked buffers with the output of a shell command. N : Replace the contents of the marked buffers with the output of a shell command. E : Evaluate a form in each of the marked buffers. This is a very flexible command. For example, if you want to make all of the marked buffers read-only, try using (read-only-mode 1) as the input form. W : As above, but view each buffer while the form is evaluated. k : Remove the marked lines from the "lbuffer' buffer, but don't kill the associated buffer. E : Kill all buffers marked for deletion.		
IBuffer Mode Marking commands	m : Mark the buffer at point. t : Unmark all currently marked buffers, and mark all unmarked buffers. c : Change the mark used on marked buffers. u : Unmark the buffer at point. DEL : Unmark buffers marked with MARK. U : Unmark buffers marked with MARK. U : Unmark all marked buffers. * M : Mark buffers by major mode. * M : Mark buffers by major mode. * M : Mark all "unsaved" buffers. This means that the buffer is modified, and has an associated file. * M : Mark all "unsaved" buffers, regardless of whether they have an associated file. * S : Mark all buffers whose name begins and ends with "". * e : Mark all buffers which have an associated file, but that file doesn't currently exist. * r : Mark all read-only buffers. * / : Mark all read-only buffers. * / : Mark buffers in 'dired-mode'. * h : Mark buffers in 'help-mode', 'apropos-mode', etc. • : Mark buffers older than 'ibuffer-old-time'. d : Mark buffers by their name, using a regexp. 8 n : Mark buffers by their major mode, using a regexp. 8 f : Mark buffers by their filename, using a regexp. 8 g : Mark buffers by their filename, using a regexp. 8 L : Mark buffers by their content, using a regexp.		
IBuffer Mode Filtering commands		(ibuffer-filter-chosen-by-completion)	Select and apply filter chosen by completion against available filters. Indicates corresponding key sequences in echo area after filtering. The completion matches against the filter description text of ach filter in 'ibuffer-filtering-alist'.
		(ibuffer-filter-by-directory QUALIFIER)	Limit current view to buffers with directory matching QUALIFIER. • For a buffer associated with file '/a/b/c.d', this matches against '/a/b'. For a buffer not associated with a file, this matches against the value of 'default-directory' in that buffer.

Operation	<u>Keystroke</u>	Function	<u>Note</u>
/ RET: Add a filter by any major mode. / m: Add a filter by a major mode now in use. / M: Add a filter by derived mode. / n: Add a filter by buffer name. / c: Add a filter by buffer content. / b: Add a filter by basename. / f: Add a filter by file extension. / i: Add a filter by modified buffers. / e: Add a filter by buffer size. / < : Add a filter by buffer size. / * : Add a filter by buffer size. / * : Add a filter by buffer size. / * : Add a filter by buffer swith a name. / r: Switch to previously saved filters. / a: Add saved filters to current filters. / a: Add saved filters to current filters. / a: Replace the top two filters with their logical AND. / : Replace the top two filters with their logical OR. / p: Remove the top filter. / !: Invert the logical sense of the top filter. / d: Break down the topmost filter. / / : Remove all filtering currently in effect. IBuffer Mode Filter commands Add a filter group.		by any major mode. y a major mode now in use. y derived mode. y buffer name. y buffer content. y basename. y filename. y file extension. y modified buffers. y an arbitrary Lisp predicate. y buffer size. y buffer size. y special buffers. y to special buffers. y to special buffers. y to filters with a name. eviously saved filters. ters to current filters. top two filters with their logical AND. top two filters with their logical OR. top two filters with their logical OR. top filter. ical sense of the top filter. the topmost filter. filtering currently in effect. group from filters. filter group. next filter group.	
IBuffer Mode Sorting commands	/ X : Delete previous , : Rotate betwee s i : Reverse the s a : Sort the buff s f : Sort the buff	iously saved groups. een the various sorting modes. current sorting order. ers lexicographically. ers by the file name. ers by last viewing time. ers by size.	
IBuffer Mode Other commands	g : Regenerate to the control of the	current display format. Use this to see the next line. The previous line. Ip. Perences between this buffer and its associated.	ggle whether buffers that match 'ibuffer-maybe-show-predicates' should be displayed. e the complete file name when the file name is long. ated file.