## **Emacs Buffers**

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
Emacs Buffers			ers. This table lists the commands you can use to list and manage buffers. buffers. See the <b>Windows</b> table for its description.
Open local copy of this PDF file. See also: <u>N Help/Info</u>	<f11> b <f1></f1></f11>	(pel-help-pdf)	Open the PEL PDF file(s) for the current context: buffer support. It opens the local copy of this file.
Customize PEL Buffer Support	<f11> b <f2></f2></f11>	(pel-customize-pel &optional OTHER-WINDOW)	Customize PEL Bookmark support: open PEL buffer support specific group.  • If OTHER-WINDOW is non-nil (use <b>C-u</b> ), display in other window.
See also: Customize  Customize Emacs & external package buffer support See also: Customize	<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, nhexl.  When a prefix argument (like <b>C-u</b> ) opens the buffer inside another window.  • Group belonging to files that have not yet been loaded are normally not accessible in Emacs and via the customize-group command. PEL, however, attempts to locate the file that defines a non-loaded customization group and will prompt you for loading the file if it finds it.
Manage Buffers	The following commands support buffer management.		
Open Buffer Menu	<c-f10></c-f10>	(buffer-menu-open)	Start key navigation of the buffer menu. This is the keyboard interface to <c-down-mouse-1></c-down-mouse-1>
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).
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.
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.
Show name of previous buffer in window	<f11> b P</f11>	(pel-show-window-previous-buffer)	Show the name of previous buffer used in the current window.
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.
Switch to buffer	С-х в	(switch-to-buffer BUFFER-OR-NAME &optional NORECORD FORCE-SAME- WINDOW)	Switch window to display the previous, or another buffer (entered at prompt).  Switch window to display the previous, or another buffer (entered at prompt).  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.
List all buffers	C-x C-b	(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 the 'ibuffer' function instead, which provides more functionality, working like dired.
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*&lt;2&gt; (or *Help*&lt;3&gt; if *Help*&lt;2&gt; 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
Rename buffer - use unique name	<f11> b U</f11>	(rename-uniquely)	be unique.  Rename the current buffer by adding ' <number>' to the end.  Use this if you want multiple *Buffer* or *Info* buffers for example.</number>
Kill current buffer See also: Windows	• <f11> b k • 第-k • 第-&amp;</f11>	(kill-current-buffer)	Example: StackExchange: How can I have multiple help buffer with different content  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 <u>Windows</u> 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   Windows 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.
Hexadecimal Editing	The <a href="mailto:nhexl-mode">nhexl-mode</a> external package use used to display and manipulate the content of the current buffer in hexadecimal.  PEL downloads installs and activates this package when the <a href="mailto:pel-use-nhexl">pel-use-nhexl</a> user option is set to <a href="mailto:t.">t.</a> Use the <a href="mailto:stalls">f11&gt; b</a> key sequence to open the PEL buffer customization buffer to access this user option.		
Toggle buffer between normal and hex display	<f11> b x</f11>	(nhexl-mode &optional ARG)	Toggle minor mode to edit files via hex-dump format.  Requires the <a href="mailto:nhexl-mode">nhexl-mode</a> package <a href="mailto:nhexl-mode">nhexl-mode</a> a same <a href="mailto:nhexl-mode">nhexl-mode</a> a same <a href="mailto:nhexl-mode">nhexl-mode</a> a same <a href="mailto:nhexl-mode">nhexl-mode</a> <a href="mailto:nhexl-mode">nhexl-mode</a> <a href="mailto:nhexl-mode">nhexl-mode</a> <a href="mailto:nhexl-mode">nhexl-mode</a>

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
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 analogous the section also states	ogue of a symbolic link between files."	shares the text of some other buffer, called the base buffer of the indirect buffer. In some isplay multiple views of an outline" (such as Org-Mode files).
<u>Create indirect buffer</u> <u>explicitly</u>	<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)	<ul> <li>Create an indirect buffer that is a twin copy of the current buffer.</li> <li>Give the indirect buffer name NEWNAME. Interactively, read NEWNAME from the minibuffer when invoked with a prefix arg. If NEWNAME is nil or if not 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 in an existing suffix. Trying to clone a buffer whose major mode symbol has a non-nil 'no-clone-indirect' property results in an error.</n></li> <li>DISPLAY-FLAG non-nil means show the new buffer with 'pop-to-buffer'. This is always done when called interactively.</li> <li>Optional third arg NORECORD non-nil means do not put this buffer at the front of the list of recently selected ones.</li> </ul>
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.
Buffer View Mode	Several commands (view-buffer, etc, see at top of this table) activate the View Mode for a buffer where the buffer is essentially read-only and special commands are available.		
View buffer - no modification allowed	<f11> b v</f11>	(view-buffer BUFFER &optional EXIT-ACTION)	View BUFFER in View mode, returning to previous buffer when done.  • 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.  • For a list of all View commands, type H or h while viewing. See the View Mode command list below.
View Mode commands	H.h.? This message.  Digits provide prefix arguments.  negative prefix arguments.  news to the earl of buffer.  scroll os that buffer end is at last lite of window.  SPP SPP SPP SPP SPP SPP SPP SPP SPP SP		

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Butter Menum Most about a 1	Buffer Menu Mode	The list of buffers is sl	hown inside its own buffer, *Buffer List* whe	(list-buffer) is executed. This buffer support the following commands.	
Butter Menum Most about a 1		—The full list of key hindings is available via the <f1> m key</f1>			
## Complete the fall    Part		A		he list of commands and key bindings that are available differ.	
Complete the last    Page	Buffer Menu Mode keys	l		·	
1	Complete the list	• C-n : next bu	uffer in list	: immediately	
P		• n : next bu	uffer in list	: immediately	
1		• p : previou	ıs buffer in list	: immediately	
Part   Section   International Process   Section   International Process   Section   International Process   International P		• d : mark b	uffer for deletion	: deleted when pressing <b>x</b>	
Buffer Mode commands		• <b>s</b> : save bu	uffer	: saved when pressing x	
Part   Comment		• M- <del> : Remov</del>	e a specific mark from all buffers	: immediately if just after marking	
Part   Stage read only   Sta		• x : execute	e marked commands (delete buffers marked	r deletion) : immediately	
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Buffer Mode commanda   Buffer Mode commanda    A		'T' - Toggle read-only	state of marked buffers.		
He's a C-M-s <sup>-1</sup> - Isseath for regesp in the marked buffers. '7 - Replace by regespine as in each of the marked buffers. 'Q - C-Query replace in each of the marked buffers. 'Q - C-Query replace in each of the marked buffers. 'Q - List lines in all marked buffers which match a given regesp (like the function 'occur'). 'R - Pipe the comments of the marked buffers is a shell command. 'N - Replace the contribut of the marked buffers is a shell command. 'N - Replace the contribut of the marked buffers is a shell command. 'N - Replace the contribut of the marked buffers is a shell command. 'N - Replace the contribut of the marked buffers which to object of a shell command. For example, if you want to make all of the marked buffers with the object of a shell command. 'N - Replace the contribution of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the object of the shell command. For example, if you want to make all of the marked buffers with the buffer to marked buffers.  IBMITER		'D' - Kill the marked b	ouffers.		
Co - Query replace in each of the marked buffers. T - As above, with a regular expression. P - Print the marked buffers. Co - Print the marked buffers which match a given regery like the function 'occur'). C - Pipe the contents of the marked buffers in a shell command. T - Run a pall command with the buffers like as an argument. E - Evaluate a form in each of the marked buffers with the output of a shell command. T - Run a pall command with the buffers like as an argument. 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 with the form is avoidated. V - Remove the marked lines from the "buffer" buffer buffer buffer buffer buffer buffer buffer. V - Remove the marked lines from the "buffer" buffer buffer buffer buffer buffer. V - Remove the marked lines from the "buffer" buffer buffer buffer. V - Remove the marked lines from the "buffer" buffer buffer buffer. V - Remove the marked buffers. V - Remove the marked buffers. V - Remove the marked buffers. V - Remove the marked buffers in avoidance. V - Remove the buffer a point. V - Urmark buffer a point. V - Urmark buffer a marked buffers. V - Remove the buffer a point. V - Urmark buffers marked buffers. V - Remove the buffer a point. V - Urmark buffers marked buffers. V - Remove the buffers buffers. V - Remove the buffers. V - Remo		'M-s a C-M-s' - Iseard	ch for regexp in the marked buffers.		
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#* - Run a shell command with the Duffer's file as an argument.  15' - Evaluate a form in each of the marked Duffers. 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 liput from.  W' - As down, but view each buffer which the form is evaluated.  ** - Formore the marked lines from the "Buffer' buffer, but don't kill the associated buffer.  ** - Formore the marked lines from the "Buffer' buffer, but don't kill the associated buffer.  ** - Formore the marked lines from the "Buffer' buffer, but don't kill the associated buffer.  ** - Formore the marked lines from the "Buffer' buffer, bu				the function 'occur').	
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" u' - Mark all "unsaved" buffers. This means that the buffer is modified, and has an associated file. " m' - Mark all buffers whose name begins and ends with "". " e' - 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. " r' - Mark buffers in 'died-mode'. " h' - Mark buffers in 'died-mode'. " h' - Mark buffers in 'died-mode'. " h' - Mark buffers by their and 'ended the mode'. " h' - Mark buffers by their and 'ended the mode'. " h' - Mark buffers by their major mode, using a regexp. " h' - Mark buffers by their fileneme, using a regexp. " h' - Mark buffers by their fileneme, using a regexp. " h' - Mark buffers by their fileneme, using a regexp. " h' - Mark buffers by their fileneme, using a regexp. " h' - Mark buffers by their fileneme, using a regexp. " h' - Mark buffers by their fileneme, using a regexp. " h' - Mark buffers by their fileneme, using a regexp. " h' - Add a filter by a major mode.		'U' - Unmark all mark	ed buffers.		
" s' - Mark all buffers which have an associated file, but that file doesn't currently exist.  " p' - Mark all read-only buffers. " p' - Mark buffers in 'lend-mode', " h' - Mark buffers in 'lend-mode', 'apropos-mode', etc.  " - Mark buffers in 'lend-mode', 'apropos-mode', etc.  " - Mark buffers by their name, using a regexp. " m' - Mark buffers by their name, using a regexp. " f' - Mark buffers by their name, using a regexp. " g' - Mark buffers by their name, using a regexp. " g' - Mark buffers by their name, using a regexp. " g' - Mark buffers by their content, using a regexp. " b' - Mark all locked buffers.    Buffer Mode command		'* u' - Mark all "unsav	ed" buffers. This means that the buffer is mo		
" r' - Mark buffers in 'died-mode'. " h' - Mark the buffer at point for deletion. " h' - Mark buffers by their mainer, using a regexp. " h' - Mark buffers by their mainer, using a regexp. " h' - Mark buffers by their filename, using a regexp. " h' - Mark buffers by their filename, using a regexp. " h' - Mark buffers by their filename, using a regexp. " h' - Mark buffers by their fortent, using a regexp. " h' - Mark all locked buffers.    Mark buffers by their filename, using a regexp.   h' - Add a filter by army major mode.   h' - Add a filter by army major mode.   h' - Add a filter by army mode now in use.   h' - Add a filter by buffer ame.   h' - Add a filter by buffer content.   h' - Add a filter by buffer content.   h' - Add a filter by buffer content.   h' - Add a filter by buffer ame.   h' - Add a filter by filename.   h' - Add a filter by filename.   h' - Add a filter by modified buffers.   h' - Add a filter by modified buffers.   h' - Add a filter by modified buffers.   h' - Add a filter by buffer size.   h' - Add a filter by special buffers.   h' - Add a filter by special buff		" s' - Mark all buffers	whose name begins and ends with ".		
" h - Mark buffers in 'help-mode', 'apropos-mode', etc. '.' - Mark buffers older than 'bluffer-old-time'. 'd' - Mark the buffer at point for deletion. '% n' - Mark buffers by their amen, using a regexp. '% n' - Mark buffers by their major mode, using a regexp. '% n' - Mark buffers by their major mode, using a regexp. '% n' - Mark buffers by their content, using a regexp. '% l' - Mark buffers by their content, using a regexp. '% l' - Mark buffers by their content, using a regexp. '% l' - Mark all locked buffers.    Hitering commands:   Hitering commands:   M-x ibuffer-filter-chosen-by-completion' - Select and apply filter chosen by completion. ' RET' - Add a filter by any major mode. ' n' - Add a filter by any major mode. ' n' - Add a filter by buffer onde. ' n' - Add a filter by buffer onde. ' n' - Add a filter by buffer onde. ' n' - Add a filter by buffer content. ' b' - Add a filter by buffer content. ' b' - Add a filter by buffer onde. ' l' - Add a filter by filename. ' l' - Add a filter by filename. ' l' - Add a filter by imediate buffers. ' e' - Add a filter by modified buffers. ' e' - Add a filter by arbitrary Lisp predicate. ' y' - Add a filter by buffer size. ' y' - Add a filter by buffers size. ' y' - Add a filter by buffers size. ' y' - Add a filter by buffers size. ' y' - Add a filter by buffers size. ' y' - Add a filter by buffers size. ' y' - Add a filter by buffers size. ' y' - Add a filter by buffers size. ' y' - Add a filter by buffers size. ' y' - Add a filter by buffers size. ' y' - Add a filter by special buffers. ' y' - Add a filter by special buffers. ' a' - Add a swel filters with a name. ' y' - Switch to previously saved filters. ' y' - Replace the top two filters with their logical AND. '   - Replace the top two filters with their logical OR. ' p' - Remove the top filter. ' y' - I - I - Urent the logical sense of the top filter. ' y' - I - I - Urent the logical sense of the folian.		'* r' - Mark all read-on	nly buffers.	ish t currently exist.	
'd' - Mark the buffer at point for deletion. '% n' - Mark buffers by their mame, using a regexp. '% n' - Mark buffers by their major mode, using a regexp. '% n' - Mark buffers by their filename, using a regexp. '% n' - Mark buffers by their filename, using a regexp. '% n' - Mark buffers by their content, using a regexp. '% n' - Mark all locked buffers.    Buffer Mode commands		" h' - Mark buffers in	'help-mode', 'apropos-mode', etc.		
"9% m" - Mark buffers by their major mode, using a regexp. "9% g" - Mark buffers by their filename, using a regexp. "9% g" - Mark buffers by their content, using a regexp. "96 L" - Mark all locked buffers.  Bluffer Mode commands  (3)  Filtering commands: "M-x ibuffer-filter-chosen-by-completion" - Select and apply filter chosen by completion.  / RET" - Add a filter by any major mode. / m" - Add a filter by buffer name. / m" - Add a filter by buffer name. / c" - Add a filter by buffer content. / b" - Add a filter by buffer content. / b" - Add a filter by lename.  M-x ibuffer-filter-by-directory" - Add a filter by directory name. / f" - Add a filter by lename. / " - Add a filter by modified buffers. / e" - Add a filter by under size. / " - Add a filter by under size. / " - Add a filter by under size. / " - Add a filter by under size. / " - Add a filter by special buffers. / e" - Add a filter by special buffers. / e" - Add a filter by special buffers. / a filter by special buffers. / " - Add a filter by special buffers. / e" - Save the current filters with a name. / r" - Switch to previously saved filters. / a" - Add saved filters to: current filters. / a" - Add saved filters to: current filters. / a" - Add saved filters to: current filters. / a" - Add saved filters to: current filters. / a" - Add saved filters to: current filters. / a" - Add saved filters to: current filters. / p" - Remove the top filters with their logical AND. / p" - Remove the top filters with their logical OR. / p" - Remove the top filter. / c" - Breaked down the topmost filter.		'd' - Mark the buffer a	at point for deletion.		
"% g' - Mark buffers by their content, using a regexp.   "% L' - Mark all locked buffers.   Filtering commands:   "M-x ibuffer-filter-chosen-by-completion' - Select and apply filter chosen by completion.   "/ RET' - Add a filter by any major mode.   "/ m' - Add a filter by buffer name.   "/ m' - Add a filter by buffer name.   "/ b' - Add a filter by buffer name.   "/ b' - Add a filter by buffer ontent.   "/ b' - Add a filter by buffer name.   "/ - Add a filter by buffer name.   "/ - Add a filter by buffer name.   "/ - Add a filter by file extension.   "/ - Add a filter by file extension.   "/ - Add a filter by marbitrary Lisp predicate.   "/ - Add a filter by an arbitrary Lisp predicate.   "/ - Add a filter by buffer size.   "/ - Add a filter by special buffers.   "/ - Add a filter by special buffers.   "/ - Add a filter by special buffers.   "/ - Add a filter by previously saved filters.   "/ - Add a swed filters to current filters.   "/ a' - Add saved filters to current filters.   "/ a' - Add saved filters to current filters.   "/ - Replace the top two filters with their logical AND.   - Replace the top two filters with their logical OR.   "/ - Remove the top filter.   "/ - Invert the logical sense of the top filter.   "/ " - Invert the logical sense of the top filter.		'% m' - Mark buffers	by their major mode, using a regexp.		
Filtering commands:   'M-x ibuffer-filter-chosen-by-completion' - Select and apply filter chosen by completion.   'A EET' - Add a filter by any major mode.   'M' - Add a filter by any major mode.   'M' - Add a filter by buffer onde.   'M' - Add a filter by buffer onde.   'A' - Add a filter by buffer content.   'D' - Add a filter by buffer content.   'M' - X buffer-filter-by-clive-ctory' - Add a filter by directory name.   'M' - X buffer-filter-by-clive-ctory' - Add a filter by file extension.   'I' - Add a filter by modified buffers.   'A EA		'% g' - Mark buffers b	by their content, using a regexp.		
(3)  'M.x ibuffer-filter-chosen-by-completion' - Select and apply filter chosen by completion.  'RET' - Add a filter by any major mode.  'M' - Add a filter by a major mode now in use.  'M' - Add a filter by buffer name.  'C' - Add a filter by buffer content.  'b' - Add a filter by buffer content.  'b' - Add a filter by disename.  'M.x ibuffer-filter-by-directory' - Add a filter by directory name.  'f' - Add a filter by filename.  'J' - Add a filter by filename.  'J' - Add a filter by modified buffers.  'e' - Add a filter by marbitrary Lisp predicate.  'y' - Add a filter by buffer size.  'y' - Add a filter by buffer size.  'y' - Add a filter by buffers.  'y' - Add a filter by buffers.  'y' - Add a filter by buffers.  'y' - Add a filter by special buffers.  'y' - Add a filter by buffer size filters.  'y' - Add a saved filters to current filters.  'y' - Replace the top two filters with their logical AND.  '  - Replace the top two filters with their logical OR.  'p' - Remove the top filter.  'y'! - Invert the logical sense of the top filter.  'y'! - Invert the logical sense of the top filter.  'y' - Invert the logical sense of the top filter.	IBuffer Mode command				
y m' - Add a filter by a major mode now in use.  y M' - Add a filter by buffer name. y c' - Add a filter by buffer content. y b' - Add a filter by busfer content. y b' - Add a filter by basename. "IM-x buffer-filter-by-directory' - Add a filter by directory name. y f' - Add a filter by filename. y f' - Add a filter by filename. y f' - Add a filter by modified buffers. y e' - Add a filter by modified buffers. y e' - Add a filter by an arbitrary Lisp predicate. y - ' - Add a filter by buffer size. y - ' - Add a filter by buffer size. y - ' - Add a filter by special buffers. y ' - Add a filter by special buffers. y ' - Add a filter by source filters with a name. y r' - Switch to previously saved filters. y a' - Add saved filters to current filters. y a' - Add as defilter by two filters with their logical AND. y   ' - Replace the top two filters with their logical OR. y p' - Remove the top filter. y ! - Invert the logical sense of the top filter. y ' - Break down the topmost filter.		'M-x ibuffer-filter-chos	sen-by-completion' - Select and apply filter of	osen by completion.	
'y n' - Add a filter by buffer name. 'y c' - Add a filter by busfer content. 'b' - Add a filter by basename. 'M-x ibuffer-filter-by-directory' - Add a filter by directory name. 'y' - Add a filter by file and. 'y' - Add a filter by file extension. 'i' - Add a filter by modified buffers. 'y e' - Add a filter by an arbitrary Lisp predicate. 'y - Add a filter by an arbitrary Lisp predicate. 'y - Add a filter by buffer size. 'y - Add a filter by special buffers. 'y - Add a filter by special buffers. 'y ' - Add a filter by special buffers. 'y ' - Add a filter by special buffers. 'y ' - Save the current filters with a name. 'y r' - Switch to previously saved filters. 'y a' - Add saved filters to current filters. 'y a' - Add saved filters be to the top two filters. 'y 'a' - Replace the top two filters with their logical AND. 'y - Remove the top filter. 'y '- Invert the logical sense of the top filter. 'y '- Invert the logical sense of the top filter.		'/ m' - Add a filter by	a major mode now in use.		
"/ b" - Add a filter by basename.  "M-x ibuffer-filter-by-directory' - Add a filter by directory name.  "/ f" - Add a filter by file extension.  "/ i" - Add a filter by modified buffers.  "/ e" - Add a filter by an arbitrary Lisp predicate.  "/ >" - Add a filter by buffer size.  "/ <" - Add a filter by buffer size.  "/ *" - Add a filter by special buffers.  "/ v" - Add a filter by special buffers.  "/ v" - Add a filter by buffer size.  "/ r" - Save the current filters with a name.  "/ r" - Switch to previously saved filters.  "/ a" - Add saved filters to current filters.  "/ a" - Add saved filters by two filters.  "/ a" - Replace the top two filters with their logical AND.  "/ p" - Remove the top filter.  "/ p" - Remove the top filter.  "/ t" - Break down the topmost filter.		'/ n' - Add a filter by b	ouffer name.		
'/ f' - Add a filter by file axtension. '/ i' - Add a filter by modified buffers. '/ e' - Add a filter by an arbitrary Lisp predicate. '/ >' - Add a filter by buffer size. '/ <' - Add a filter by special buffers. '/ '' - Add a filter by special buffers. '/ '' - Add a filter by special buffers. '/ '' - Add a filter by buffer size. '/ '' - Add a filter by special buffers. '/ v' - Add a filter by special buffers. '/ s' - Save the current filters with a name. '/ r' - Switch to previously saved 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. '/ p' - Invert the logical sense of the top filter. '/ !' - Invert the logical sense of the top filter. '/ d' - Break down the topmost filter.		'/ b' - Add a filter by b	pasename.		
'/ i' - Add a filter by modified buffers. '/ e' - Add a filter by an arbitrary Lisp predicate. '/ >' - Add a filter by buffer size. '/ <' - Add a filter by buffer size. '/ *' - Add a filter by buffers. '/ v' - Add a filter by buffers. '/ v' - Add a filter by buffers visiting files. '/ s' - Save the current filters with a name. '/ r' - Switch to previously saved filters. '/ a' - Add saved filters to current filters. '/ &' - 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.		'/ f' - Add a filter by fil	lename.		
'/ >' - Add a filter by buffer size. '/ <' - Add a filter by special buffers. '/ *' - Add a filter by special buffers. '/ v' - Add a filter by buffers visiting files. '/ v' - Add a filter by buffers visiting files. '/ s' - Save the current filters with a name. '/ r' - Switch to previously saved 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.		'/ i' - Add a filter by m	odified buffers.		
'/*' - Add a filter by special buffers. '/ v' - Add a filter by buffers visiting files. '/ s' - Save the current filters with a name. '/ r' - Switch to previously saved 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.		'/ >' - Add a filter by b	ouffer size.		
'/ s' - Save the current filters with a name.  '/ r' - Switch to previously saved filters.  '/ a' - Add saved filters to current filters.  '/ &' - 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.		'/ *' - Add a filter by s	pecial buffers.		
'/ a' - Add saved filters to current filters.  '/ &' - 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.		'/ s' - Save the curren	t filters with a name.		
<ul> <li>'/  ' - Replace the top two filters with their logical OR.</li> <li>'/ p' - Remove the top filter.</li> <li>'/ !' - Invert the logical sense of the top filter.</li> <li>'/ d' - Break down the topmost filter.</li> </ul>	'/ a' - Add saved filters to current filters.				
'/ !' - Invert the logical sense of the top filter. '/ d' - Break down the topmost filter.		'/ ' - Replace the top two filters with their logical OR.			
		'/!' - Invert the logical	I sense of the top filter.		

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
IBuffer Mode command (4)	Filter group commands:  '/ g' - Create filter group from filters.  '/ P' - Remove top filter group.  'TAB' - Move to the next filter group.  'M-p' - Move to the previous filter group.  '\ \' - Remove all active filter groups.  '/ S' - Save the current groups with a name.  '/ R' - Restore previously saved groups.  '/ X' - Delete previously saved groups.		
IBuffer Mode command (5)	Sorting commands:  ',' - Rotate between the various sorting modes.  's i' - Reverse the current sorting order.  's a' - Sort the buffers lexicographically.  's f' - Sort the buffers by the file name.  's v' - Sort the buffers by last viewing time.  's s' - Sort the buffers by size.  's m' - Sort the buffers by major mode.		
IBuffer Mode command (6)	Other commands:  'g' - Regenerate the list of all buffers. Prefix arg means to toggle whether buffers that match 'ibuffer-maybe-show-predicates' should be displayed.  '' - Change the current display format.  'SPC' - Move point to the next line.  'C-p' - Move point to the previous line.  'h' - This help.  '=' - View the differences between this buffer and its associated file.  'RET' - View the buffer on this line.  'o' - As above, but in another window.  'C-o' - As both above, but don't select the new window.  'b' - Bury (not kill!) the buffer on this line.		