

# ibuffer-mode

Operation	Keystroke	Function	Note
<a href="#">ibuffer Mode</a>	Emacs ibuffer is a mode where the buffers currently opened are shown as a list of entries, like a directory view, with the ability to select specific buffers, filter them group them in various ways. 🍷 The ibuffer mode is really flexible and <b>extremely useful</b> for managing small and large list of buffers and their files. The commands available in this buffer are listed in this table. This information is also partially available in the <a href="#">↗ Buffers</a> table.		
Open this PDF file. See also: <a href="#">↗ Help/Info</a>	<f12> <f1>	(pel-help-pdf &optional OPEN-WEB-PAGE)	Open this <a href="#">↗ ibuffer-mode</a> local PDF. If the prefix argument (like <b>C-u</b> or <b>M--</b> ) is used, then it opens the remote GitHub hosted raw PDF instead. If the <b>pel-flip-help-pdf-arg</b> user-option is set it's the other way around.
<a href="#">↗ Customize Emacs Ibuffer support</a>	<f12> <f3>	(pel-customize-library &optional OTHER-WINDOW)	Customize Emacs ibuffer. When a prefix argument (like <b>C-u</b> ) opens the buffer inside another window.
<a href="#">ibuffer Mode</a>	The commands available in the ibuffer window. With PEL, the <b>C-x C-b</b> key binding open the ibuffer window. PEL also provide extra filters and sorting commands.		
• Mark buffers	Inside the buffer-mode window, use the following commands to mark and un-mark buffer entries.		
	<div><div>m</div><div>:</div><div>Mark the buffer at point.</div></div> <div><div>t</div><div>:</div><div>Unmark all currently marked buffers, and mark all unmarked buffers.</div></div> <div><div>* c</div><div>:</div><div>Change the mark used on marked buffers.</div></div> <div><div>u</div><div>:</div><div>Unmark the buffer at point.</div></div> <div><div>DEL</div><div>:</div><div>Unmark the previous buffer.</div></div> <div><div>M-DEL</div><div>:</div><div>Unmark buffers marked with MARK.</div></div> <div><div>U</div><div>:</div><div>Unmark all marked buffers.</div></div> <div><div>* M</div><div>:</div><div>Mark buffers by major mode.</div></div> <div><div>* u</div><div>:</div><div>Mark all "unsaved" buffers. This means that the buffer is modified, and has an associated file.</div></div> <div><div>* m</div><div>:</div><div>Mark all modified buffers, regardless of whether they have an associated file.</div></div> <div><div>* s</div><div>:</div><div>Mark all buffers whose name begins and ends with ''.</div></div> <div><div>* e</div><div>:</div><div>Mark all buffers which have an associated file, but that file doesn't currently exist.</div></div> <div><div>* r</div><div>:</div><div>Mark all read-only buffers.</div></div> <div><div>* /</div><div>:</div><div>Mark buffers in 'dired-mode'.</div></div> <div><div>* h</div><div>:</div><div>Mark buffers in 'help-mode', 'apropos-mode', etc.</div></div> <div><div>.</div><div>:</div><div>Mark buffers older than 'ibuffer-old-time'.</div></div> <div><div>% n</div><div>:</div><div>Mark buffers by their name, using a regexp.</div></div> <div><div>% m</div><div>:</div><div>Mark buffers by their major mode, using a regexp.</div></div> <div><div>% f</div><div>:</div><div>Mark buffers by their filename, using a regexp.</div></div> <div><div>% g</div><div>:</div><div>Mark buffers by their content, using a regexp.</div></div> <div><div>% L</div><div>:</div><div>Mark all locked buffers.</div></div>		
• Mark for deletion	<div><div>d</div><div>:</div><div>Mark the buffer at point for deletion.</div></div>		
• Operate on marked buffers	Once buffers are marked,		
	<div><div>S</div><div>:</div><div>Save the marked buffers.</div></div> <div><div>A</div><div>:</div><div>View the marked buffers in the selected frame.</div></div> <div><div>H</div><div>:</div><div>View the marked buffers in another frame.</div></div> <div><div>V</div><div>:</div><div>Revert the marked buffers.</div></div> <div><div>T</div><div>:</div><div>Toggle read-only state of marked buffers.</div></div> <div><div>L</div><div>:</div><div>Toggle lock state of marked buffers.</div></div> <div><div>M-s a C-s</div><div>:</div><div>Do incremental search in the marked buffers.</div></div> <div><div>M-s a C-M-s</div><div>:</div><div>Isearch for regexp in the marked buffers.</div></div> <div><div>r</div><div>:</div><div>Replace by regexp in each of the marked buffers.</div></div> <div><div>Q</div><div>:</div><div>Query replace in each of the marked buffers.</div></div> <div><div>I</div><div>:</div><div>As above, with a regular expression.</div></div> <div><div>P</div><div>:</div><div>Print the marked buffers.</div></div> <div><div>O</div><div>:</div><div>List lines in all marked buffers which match a given regexp (like the function 'occur').</div></div> <div><div>X</div><div>:</div><div>Pipe the contents of the marked buffers to a shell command.</div></div> <div><div>N</div><div>:</div><div>Replace the contents of the marked buffers with the output of a shell command.</div></div> <div><div>!</div><div>:</div><div>Run a shell command with the buffer's file as an argument.</div></div> <div><div>E</div><div>:</div><div>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.</div></div> <div><div>W</div><div>:</div><div>As above, but view each buffer while the form is evaluated.</div></div>		
• Kill/close marked buffer	<div><div>D</div><div>:</div><div>Kill the marked buffers.</div></div> <div><div>k</div><div>:</div><div>Remove the marked lines from the *Ibuffer* buffer, but don't kill the associated buffer.</div></div> <div><div>x</div><div>:</div><div>Kill all buffers marked for deletion.</div></div>		
• Manage filters	Use the following commands to filter the buffer entries according to one or several criteria. Use the commands below to filter the list.		
• Filtering commands	<div><div>/ RET</div><div>:</div><div>Add a filter by any major mode.</div></div> <div><div>/ m</div><div>:</div><div>Add a filter by a major mode now in use.</div></div> <div><div>/ M</div><div>:</div><div>Add a filter by derived mode.</div></div> <div><div>/ n</div><div>:</div><div>Add a filter by buffer name.</div></div> <div><div>/ c</div><div>:</div><div>Add a filter by buffer content.</div></div> <div><div>/ b</div><div>:</div><div>Add a filter by basename.</div></div> <div><div>/ f</div><div>:</div><div>Add a filter by filename.</div></div> <div><div>/ d</div><div>:</div><div>Add a filter by directory name.</div></div> <div><div>/ .</div><div>:</div><div>Add a filter by file extension.</div></div> <div><div>/ i</div><div>:</div><div>Add a filter by modified buffers.</div></div> <div><div>/ e</div><div>:</div><div>Add a filter by an arbitrary Lisp predicate.</div></div> <div><div>/ &gt;</div><div>:</div><div>Add a filter by buffer size.</div></div> <div><div>/ &lt;</div><div>:</div><div>Add a filter by buffer size.</div></div> <div><div>/ *</div><div>:</div><div>Add a filter by special buffers.</div></div> <div><div>/ v</div><div>:</div><div>Add a filter by buffers visiting files.</div></div>		
• Manage filters	Once the filters are created you can also combine them using the following commands.		
	<div><div>/ s</div><div>:</div><div>Save the current filters with a name.</div></div> <div><div>/ r</div><div>:</div><div>Switch to previously saved filters.</div></div> <div><div>/ a</div><div>:</div><div>Add saved filters to current filters.</div></div> <div><div>/ &amp;</div><div>:</div><div>Replace the top two filters with their logical AND.</div></div> <div><div>/  </div><div>:</div><div>Replace the top two filters with their logical OR.</div></div> <div><div>/ p</div><div>:</div><div>Remove the top filter.</div></div> <div><div>/ !</div><div>:</div><div>Invert the logical sense of the top filter.</div></div> <div><div>/ M-d</div><div>:</div><div>Break down the topmost filter.</div></div> <div><div>/ /</div><div>:</div><div>Remove all filtering currently in effect.</div></div>		

Operation	Keystroke	Function	Note
• <b>Filter Groups</b>	The <b>ibuffer</b> mode supports creating groups of entries. The groups can be based on the filters created by the commands above and given names. The <b>/ D</b> command creates a set of groups based on the directories of the files. The other commands provide ability to create specialized groups, saving them and deleted them.		
<b>IBuffer Mode</b> <b>Filter Group commands</b>	<b>/ D</b> : Group buffers by directory path names <b>/ g</b> : Create filter group from filters. <b>/ P</b> : Remove top filter group. <b>/ \</b> : Remove all active filter groups <b>/ S</b> : Save the current groups with a name. <b>/ R</b> : Restore previously saved groups. <b>/ X</b> : Delete previously saved groups.		
<b>IBuffer Mode</b> <b>commands to move</b> <b>across Filter Groups</b>	Use the following commands to navigate through the filter groups		
	<b>TAB</b> : Move to the next filter group. <b>M-n</b> : Move to the next filter group. <b>M-p</b> : Move to the previous filter group.		
• <b>Sort entries</b>	Use the following commands to sort the list of buffer entries		
	<b>,</b> : Rotate between the various sorting modes. <b>s i</b> : Reverse the current sorting order. <b>s a</b> : Sort the buffers lexicographically. <b>s f</b> : Sort the buffers by the file name. <b>s v</b> : Sort the buffers by last viewing time. <b>s s</b> : Sort the buffers by size. <b>s m</b> : Sort the buffers by major mode. <b>s p</b> : Sort the buffers by path name.		
• <b>Other commands</b>			
• <b>Refresh/change list</b> <b>format</b>	<b>g</b> : Regenerate the list of all buffers. Prefix arg means to toggle whether buffers that match ‘ibuffer-maybe-show-predicates’ should be displayed. <b>~</b> : Change the <b>current display format</b> . 🙌 Use this to see the complete file name when the file name is long.		
• <b>Bury buffer</b>	<b>b</b> : Bury (not kill!) the buffer on this line.		
• <b>View Buffer</b>	<b>RET</b> : View the buffer on this line. <b>o</b> : As above, but in another window. <b>C-o</b> : As both above, but don't select the new window.		
• <b>Navigate</b>	<b>SPC</b> : Move point to the next line. <b>C-n</b> : Move point to the next line. <b>C-p</b> : Move point to the previous line.		
• <b>Diff buffer &amp; file</b>	<b>=</b> : View the differences between this buffer and its associated file.		
• <b>Help</b>	<b>h</b> : Show emacs ibuffer help <b>?</b> : Show emacs ibuffer help <b>C-h m</b> : Show emacs ibuffer help <b>&lt;f1&gt; m</b> : Show emacs ibuffer help <b>&lt;f12&gt; &lt;f1&gt;</b> : Open this PEL PDF help		
<b>IBuffer Mode</b> <b>Filtering commands</b>		<b>(ibuffer-filter-chosen-by-completion)</b>	Select and apply filter chosen by completion against available filters. <ul style="list-style-type: none"><li>Indicates corresponding key sequences in echo area after filtering.</li><li>The completion matches against the filter description text of ach filter in ‘ibuffer-filtering-alist’.</li></ul>
		<b>(ibuffer-filter-by-directory QUALIFIER)</b>	Limit current view to buffers with directory matching QUALIFIER. <ul style="list-style-type: none"><li>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.</li></ul>