

# ibuffer-mode

Operation	Keystroke	Function	Note
<a href="#">ibuffer Mode</a>  See also: <a href="#">↗ Buffers</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 buffer 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.		
<div>• Mark buffers</div>	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 <code>''</code>.</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>		
<div>• Mark for deletion</div>	d	:	Mark the buffer at point for deletion.
<div>• Operate on marked buffers</div>	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>		
<div>• Kill/close marked buffer</div>	D	:	Kill the marked buffers.
	k	:	Remove the marked lines from the *Ibuffer* buffer, but don't kill the associated buffer.
	x	:	Kill all buffers marked for deletion.
<div>• Manage filters</div>	Use the following commands to filter the buffer entries according to one or several criteria. Use the commands below to filter the list.		
<div>• Filtererig commands</div>	<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>		
<div>• Manage filters</div>	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
• Filter Groups	The ibuffer mode supports creating groups of entries. The groups can be based on the filters created by the commands above and given names. The / D 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.		
IBuffer Mode Filter Group commands	/ D : Group buffers by directory path names / g : Create filter group from filters. / P : Remove top 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 commands to move across Filter Groups	Use the following commands to navigate through the filter groups		
	TAB : Move to the next filter group. M-n : Move to the next filter group. M-p : Move to the previous filter group.		
• Sort entries	Use the following commands to sort the list of buffer entries		
	, : 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. s p : Sort the buffers by path name.		
• Other commands			
• Refresh/change list format	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 <b>current display format</b> . 🙌 Use this to see the complete file name when the file name is long.		
• Bury buffer	b : Bury (not kill!) the buffer on this line.		
• View Buffer	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.		
• Navigate	SPC : Move point to the next line. C-n : Move point to the next line. C-p : Move point to the previous line.		
• Diff buffer & file	= : View the differences between this buffer and its associated file.		
• Help	h : Show emacs ibuffer help <f12> <f1> : Open this PEL PDF help		