ibuffer-mode

Operation	Keystroke	Function	Note

ibuffer Mode
○ Mark buffers
  • Mark for deletion
  • Operate on marked
  • kill marked
  • filters
○ groups
• Navigate in groups
• Sort list
• Other
		Emacs ibuffer-mode list buffers in controllable, flexible way and provides selection, filtering, grouping commands. 👍 It is **extremely useful!**
		Extra extensions:
		📦 **ibuffer-vc** allows creating groups based on version control 🔲 PEL activates it when **pel-use-ibuffer-vc** is set to t.
		📦 **ibuffer-tramp** allows creating groups based on ⧉ Tramp node 🔲 PEL activates it when **pel-use-ibuffer-tramp** is set to t.
		
		See also:
		  • **Intro to ibuffer** A nice video presentation of ibuffer-mode.
		  • ⧉ **Buffers**	

Open this PDF file. See also: ⧉ **Help/Info**	`<f12> <f1>`	(**pel-help-pdf** &optional OPEN-WEB-PAGE)	Open this ⧉ **ibuffer-mode** 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** user-option is set it's the other way around.
⧉ **Customize** PEL ibuffer Support	`<f12> <f2>`	(**pel-customize-pel** &optional OTHER-WINDOW)	Customize PEL ibuffer support: open PEL buffer support specific group. • If OTHER-WINDOW is non-nil (use `C-u`), display in other window.
⧉ **Customize** Emacs Ibuffer support	`<f12> <f3>`	(**pel-customize-library** &optional OTHER-WINDOW)	Customize Emacs **ibuffer**, **ibuffer-vc.** When a prefix argument (like `C-u`) opens the buffer inside another window.
ibuffer Mode		Commands available in ibuffer window. WIth PEL, the `C-x  C-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.	
		`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. `U` **:** Unmark **all** marked buffers. `DEL` **:** Unmark the previous buffer. `M-DEL` **:** Unmark buffers marked with MARK. `* M` **:** Mark buffers by major mode. `* u` **:** Mark all "unsaved" buffers. This means that the buffer is modified, and has an associated file. `* m` **:** Mark all modified 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 buffers in 'dired-mode'. `* h` **:** Mark buffers in 'help-mode', 'apropos-mode', etc. `.` **:** Mark buffers older than 'ibuffer-old-time'. `% n` **:** Mark buffers by their name, using a regexp. `% m` **:** Mark buffers by their major mode, using a regexp. `% f` **:** Mark buffers by their filename, using a regexp. `% g` **:** Mark buffers by their content, using a regexp. `% L` **:** Mark all locked buffers.	
• **Mark for deletion**	`d` **:** Mark the buffer at point for deletion.		
• **Operate on marked buffers**		Once buffers are marked,	
		`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. `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. `r` **:** Replace by regexp in each of the marked buffers. `Q` **:** Query replace 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 to a shell command. `N` **:** Replace the contents of the marked buffers with the output of a shell command. `!` **:** Run a shell command with the buffer's file 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 read-only, try using (read-only-mode 1) as the input form. `W` **:** As above, but view each buffer while the form is evaluated.	
• **Kill/close marked buffer**	`D` **:** Kill the marked buffers. `x` **:** Kill all buffers marked for deletion.		
• **Hide marked buffers**	`k` **:** Hide the marked lines from the *Ibuffer* buffer, but don't kill the associated buffer. Use **g** to refresh and show them again.		
• **Refresh**	`g` **:** Regenerate the list of all buffers. Prefix arg means to toggle whether buffers that match 'ibuffer-maybe-show-predicates' should be displayed.		
• **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.	
• **Filterering commands**		`/ 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 filename. `/ d` **:** Add a filter by directory name. `/ .` **:** 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 buffers visiting files.	
• **Manage filters**		Once the filters are created you can also combine them using the following commands.	
		`/ 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. This can be applied to any filter. `/ M-d` **:** Break down the topmost filter. `/ /` **: Remove all filtering currently in effect.**	
Select filter by completion of filter description	`<f12> c`	(**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 filter description text of filters in 'ibuffer-filtering-alist'.
Filter by directory name expression	`<f12> d`	(**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	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.		
• **Extra Filters**	The following extra group filtering commands are provides by external packages that PEL can active: 📦 **ibuffer-vc** allows creating groups based on version control 🎛 PEL activates it when **pel-use-ibuffer-vc** is set to t. 📦 **ibuffer-tramp** allows creating groups based on 𝕊 **Tramp** node 🎛 PEL activates it when **pel-use-ibuffer-tramp** is set to t.		
Group by VC backend	`<f12> v`	(**ibuffer-vc-set-filter-groups-by-vc-root**)	Group all entries by VC back-end. • Requires **ibuffer-vc** activated by **pel-use-ibuffer-vc**
Group by 𝕊 Tramp connection	`<f12> t`	(**ibuffer-tramp-set-filter-groups-by-tramp-connection**)	Group all entries by 𝕊 **Tramp** connection. • Requires **ibuffer-tramp** activated by **pel-use-ibuffer-tramp**
• **Other commands**			
• **change list format**	`` ` `` : Change the ***current display format***. ☝ 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 `?` : Show emacs ibuffer help `C-h m` : Show emacs ibuffer help `<f1> m` : Show emacs ibuffer help `<f12> <f1>` : Open this PEL PDF help		