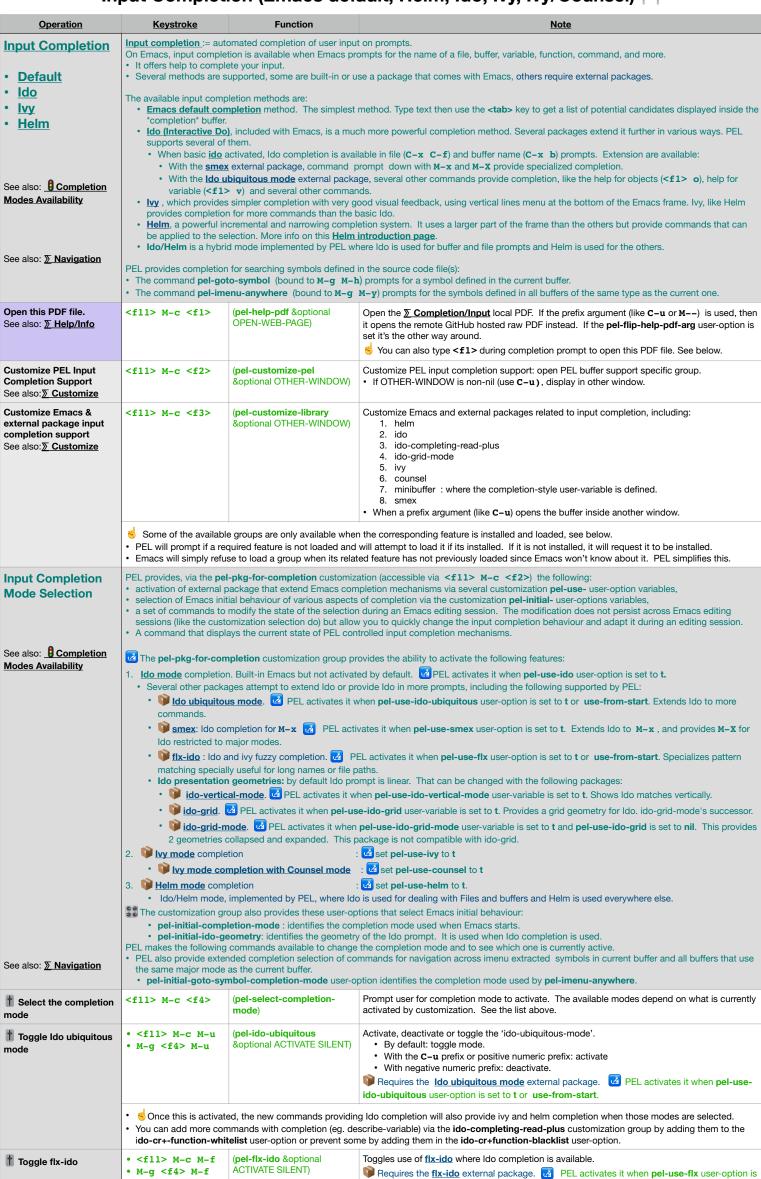
## Input Completion (Emacs default, Helm, Ido, Ivy, Ivy/Counsel) ##



set to t or use-from-start.

| <u>Operation</u>  | <u>Keystroke</u>  | Function   | Note   |  |  |
|---|---|--|--|--|--|
| † Change Ido  | • <f11> M-c M-g</f11>   | (pel-select-ido-geometry)  | Select the way Ido shows the match selection:  |  |  |
| Presentation Geometry:  | • M-g <f4> M-g</f4>   |  | emacs default : a linear selection     grid-collapsed : ido-grid-mode starting collapsed: type Tab to expand grid  |  |  |
| <ul><li>default - linear</li><li>grid -collapsed</li></ul>  |   |  | grid-expanded : ido-grid-mode already expanded   |  |  |
| grid - expanded     vertical  |   |  | <ul> <li>vertical</li> <li>At first the geometry used is determined by the value of the pel-initial-ido-geometry user-</li> </ul>  |  |  |
|   |   |  | option, this command changes what is sued by Emacs during the editing session but does not change the user-option value which persists across editing sessions.                                |  |  |
|   | <u> </u>  |  |  |  |  |
|   |   | Pacquires ido-grid and upel-use-ido-grid set to t for the ido-grid selection.  Requires ido-grid-mode and pel-use-ido-grid-mode set to t and pel-use-ido-grid set to nil for the ido-grid-mode selections: collapsed-gid and                   |  |  |  |
|   | expanded-grid.  | bde and 🛂 pel-use-ido-grid-mo  | ode set to trand per-use-ido-grid set to fill for the ido-grid-mode selections; collapsed-gid and  |  |  |
|   | Requires Ido ubiquito   | ous mode and 🛂 pel-use-ido-v   | vertical-mode set to t for the vertical selection.   |  |  |
| Show what completion  | <f11> M-c ?</f11>   | (pel-show-active-  | Display the completion mode currently used, and the Ido prompt geometry.   |  |  |
| mode is currently used.   |   | completion-mode)   |  |  |  |
| <ul> <li>Default Input<br/>Completion</li> </ul>  | Emacs default input com   | plotion is available when no oth   | or completion mechanism is active  |  |  |
| <u> </u>  | Emacs default input completion is available when no other completion mechanism is active.  • The keys available to expand or act on the completed name (or symbol) are listed below.  |  |  |  |  |
|   | See <u>Emacs Completion Example</u> for a simple example of how to use completion keys.  The <u>completion-style</u> user-option variable from the ido group controls the types of matching styles supported:   |  |  |  |  |
|   | • basic:  | complete with the same beginni   | ing  |  |  |
|   |   | agressive completion: em-l-m m<br>same as basic but ignores text i   |  |  |  |
|   |   |  | s point position controls matching extension added to beginning, end and where point is located.   |  |  |
|   | The first 3 are available in  | the default value of completion  | n-style. They can be added by customization:   |  |  |
|   |   | -option RET completion<br>-group RET minibuffer  | n-style RET to customize this variable, RET access its group or  |  |  |
|   |   | -c <f2> key sequence.</f2>   | ,  |  |  |
| Complete word   | SPC   | (minibuffer-complete-word)   | Complete the minibuffer contents at most a single word.  • After one word is completed as much as possible, a space or hyphen is added, provided that  |  |  |
|   |   |  | <ul> <li>After one word is completed as much as possible, a space or hyphen is added, provided that<br/>matches some possible completion.</li> </ul>   |  |  |
|   | _   |  | Return nil if there is no valid completion, else t.  |  |  |
| Complete input  | Tab   | (minibuffer-complete)  | Complete the minibuffer contents as far as possible. Type it twice if no input to list all choices.  • Return nil if there is no valid completion, else t.                                     |  |  |
|   |   |  | If no characters can be completed, display a list of possible completions.     If you repeat this command after it displayed such a list, scroll the window of possible                        |  |  |
|   |   |  | completions.   |  |  |
| List all possible choices   | ?   | (minibuffer-completion-help  | Display a list of possible completions of the current minibuffer contents.   |  |  |
| Complete and exit   | • DEM   | &optional START END)  (minibuffer-complete-and-  | Exit if the minibuffer contains a valid completion.  |  |  |
| Complete and exit   | • RET<br>• C-j  | exit)  | Otherwise, try to complete the minibuffer contents. If completion leads to a valid completion,   |  |  |
|   |   |  | <ul> <li>a repetition of this command will exit.</li> <li>If 'minibuffer-completion-confirm' is 'confirm', do not try to complete; instead, ask for</li> </ul>                                 |  |  |
|   |   |  | confirmation and accept any input if confirmed.  • If 'minibuffer-completion-confirm' is 'confirm-after-completion', do not try to complete;   |  |  |
|   |   |  | instead, ask for confirmation if the preceding minibuffer command was a member of  |  |  |
| _   | _   |  | 'minibuffer-confirm-exit-commands', and accept the input otherwise.  |  |  |
| Escape  Select completion list  | C-g   | (abort-recursive-edit)   | Abort the command that requested this recursive edit or minibuffer input.  |  |  |
| Select completion list window   | • M-v<br>• <pgup></pgup>  | (switch-to-completions)  | Select the completion list window: move point to the window listing all possible completions.  |  |  |
| In Completion Window  | The following commands  | are available inside the comple  | tion window listing all possible completions.  |  |  |
| From completion window:   | • RET   | (choose-completion   | Choose the completion at point.  |  |  |
| Select a completion   | • <mouse-2></mouse-2>   | &optional EVENT)   | If EVENT, use EVENT's position to determine the starting position.   |  |  |
| Move to next completion   | • Tab<br>• <right></right>  | (next-completion N)  | Move to the next item in the completion list.  • With prefix argument N, move N items (negative N means move backward).  |  |  |
| Move to previous  | • S-Tab   | (previous-completion N)  | Move to the previous item in the completion list.  |  |  |
| completion  | • <left></left>   |  |  |  |  |
| Quit completion window  | ď   | (quit-window &optional KILL WINDOW)  | Quit the window showing it and selects the window showing the minibuffer.  |  |  |
| Kill completion buffer  | z   | (kill-current-buffer)  | Kill completion buffer it and delete the window showing it.  |  |  |
| • Ido Input   |   |  |  |  |  |
| Completion  | Emacs also provides the   | Ido (Interactive Do) completion  | mechanism in a separate package, part of Emacs distribution but not activated by default.  |  |  |
|   | PEL activates the following extra Ido features when Ido mode is selected:  • Ido mode used everywhere, which for Ido mode means for both file and buffer prompts. It does: (ido-everywhere 1)   |  |  |  |  |
|   | Flex matching is enabled.  It does: (setq ido-enable-flex-matching t)   |  |  |  |  |
|   | <ul> <li>Disable need for confirmation when creating new buffers with C-x b It does: (setq ido-create-new-buffer 'always)</li> <li>Ido mode supports different prompts and has different keys valid for these prompts. There are several key sequences valid for all prompts and some valid</li> </ul>                          |  |  |  |  |
| for each prompt. The prompt types are listed following the key sequence that opens it:  • C-x C-b Prompt for buffers  • C-x C-f Prompt for files. |   |  | he key sequence that opens it:   |  |  |
|   |   |  |  |  |  |
|   | • C-x C-d Prompt for directory.     • C-x d Prompt for directory.   |  |  |  |  |
|   | For file prompting, Ido   | propose files in the current direct  | ctory but can propose others. The prompt in Ido mode remembers directories that have been to it is able to propose files in different directories than the one holding the file visited in the |  |  |
| current buffer.   |   |  | to ache to propose mes in unierent directories than the one notaing the file visited in the  |  |  |
|   | • When trying to open a new file and want to avoid ido from proposing matches, type C-f to exit Ido mode, then type your new file name.   |  |  |  |  |
|   | <ul> <li>However, if you want to open a file in a directory previously visited use completion: ido will be able to find it!</li> <li>Ido has a large number of key bindings, listed in the next 4 sections.</li> </ul>  |  |  |  |  |
| all prompts   | Commands available in all Ido prompts   |  |  |  |  |
| 1 Set whether   | <f11> f M</f11>   | (pel-set-ido-use-fname-at-   | Set Ido's ability to use the filename at point as a starting point in the current buffer or globally. It   |  |  |
| ido-find-file   |   | point &optional GLOBALLY)  | can set it to one of:  • disabled : don't use filename at point.   |  |  |
| uses filename at point  |   |  | guess : try to identify an exiting file name from the name at point.   |  |  |
| See also: <u><b>∑ File-mngt</b></u>   | <b>D</b> 14   |  | • literal : use name at point in the Ido search for a file name.   |  |  |
|   | <ul> <li>By default this commands sets ido-find-file behaviour for the current buffer only by setting a ido-use-filename-at-point buffer local variable.</li> <li>Use any prefix argument (eg. C-u) to modify the behaviour globally for the current Emacs session, it does not persist across Emacs sessions. For a</li> </ul> |  |  |  |  |
|   | persistent behaviou   | persistent behaviour change you must customize ido-use-filename-at-point user-option variable. For that, use M-x customize-option.  This affects the behaviour of all commands opening file using Ido completion: ido-find-file as the others. |  |  |  |
|   | - ITIIS aπects the behavi   | our or <b>arr</b> commands opening fil   | ie using 140 completion: <b>140-1110-111e</b> as the others.   |  |  |

| <u>Operation</u>  | <u>Keystroke</u>   | Function  | <u>Note</u>   |
|---|--|---|---|
| • Help  | Open this PDF help.  | Does not modify state of the Ide  | o prompt even though focus might move to the new PDF display window.  |
| Open this <u>∑ Completion/</u> <u>Input</u> PDF file or the web page See also: <u>∑ Help/Info</u> | <f12> <f1></f1></f12>  | (pel-help-on-completion-<br>input &optional OPEN-WEB-<br>PAGE)          | Open the input completion help PDF file.  • With a prefix (like <b>C</b> − <b>u</b> ) use the default browser to open the GitHub web page.  • Solve that if your browser can render PDF content you will then be able to easily   |
| Matcher control   | navigate across PDF pages that have several web links.  The following commands control various aspects of Ido matching mechanism.  • These commands are available for all Ido geometries, except C-p not available in grid. The <f12> C-p is provided to replace it.</f12> |   |   |
| Toggle inclusion of   |  | s are available for all ido geomet (ido-toggle-ignore)                  | Tries, except C-p not available in grid. The <±12> C-p is provided to replace it.  Toggle ignoring items for the current prompt:  |
| ignored files.  | C-a  | (luo-toggie-igilore)  | <ul> <li>In ido-buffer: toggle ignoring special buffers identified in the 'ido-ignore-buffers' user-option.</li> <li>In ido-find-file: toggle ignoring files specified with 'ido-ignore-files' user-option, files with extensions listed in 'completed-ignored-extensions' dired user-option (when 'ido-ignore-extension' user-option is non-nil)</li> <li>For example, traditional behaviour is: <ul> <li>not to list buffers whose names begin with a space character,</li> <li>not to list files whose names begin with a #, for which the regexp is '\#',</li> <li>Customize these user-option variables in the ido customization group.</li> </ul> </li> </ul> |
| Toggle case folding  • when on: lower case letter match uppercase                                 | • C-c<br>• <f12> c</f12>   | (ido-toggle-case)   | Toggle the value of 'ido-case-fold' which controls whether searching for buffer or file name should ignore case.  The C-c binding is often hidden by the C-c key prefix used by various packages. PEL adds the <f12> C-c key binding to the common ido key map for that purpose.  This is quite useful in OS that treat their file names are can sensitive names (like Unix and Linux, but unfortunately not MacOS!) or just if you want to quickly access names that have specific upper or lower case letters in it. For example using case sensitive matching will help select a Makefile.</f12>   |
| Toggle <u>prefix matching</u><br>method   | • C-p<br>• <f12> p</f12>   | (ido-toggle-prefix)   | Toggle the value of user-option variable 'ido-enable-prefix'. It's nil by default.  Non-nil means only match if the entered text is a prefix of file name.  This behavior is like the standard Emacs completion.  If nil, match if the entered text is an arbitrary substring.  For example: "base" will match pel—base.el if ido-enable-prefix is nil, but no it is is t.  The C-p key is hidden, reused for something else in ido-grid-mode.  PEL provides the <f12> C-p to make the command available everywhere.</f12>  |
| Toggle regular expression matching See also: <u>∑ Search/</u> Replace                             | C-t  | (ido-toggle-regexp)   | Toggle the value of 'ido-enable-regexp' to enable Ido to perform matching using regular expressions. This is nil (off) by default. You can customize this user-option variable.    Regular expression matching is useful to select file with specific extensions.   See   Search/Replace   for Emacs regular expression meta characters.  |
| · Completion  |  | ands control various aspects of I<br>s are available for all Ido geomet |   |
| Show all possible completions   | ?  | (ido-completion-help)   | Show all possible completions in a completion list buffer.  |
| Complete current selection  | Tab  | (ido-complete)  | Try and complete the current pattern amongst the item names.  • If several candidates, show the list in the *Ido Completions* buffer.   |
| Complete current selection or insert space  | SPC  | (ido-complete-space)  | Try completion unless inserting the space makes sense.  • When space cannot be accepted as input, open a completion list buffer.  • With list buffer already opened, scroll one page down and roll back to top.   |
| Narrow list of candidates to current list of matching items.                                      | • C-SPC<br>• C-@   | (ido-restrict-to-matches<br>&optional REMOVEP)                          | Set current item list to the currently matched items. Further match only inside this narrowed list.  • With prefix argument, remove the currently matched items instead and start matching against the remaining items.   |
| Undo/redo last Ido<br>"directory merge"<br>proposing file in another<br>directory                 | C-z  | (ido-undo-merge-work-<br>directory &optional TEXT<br>TRY REFRESH)       | Undo or redo last Ido directory merge operation.  • If no merge has yet taken place, toggle automatic merging option.  Ido "directory merge" occurs when trying to match a file name found in other directory.  |
| Select match, create<br>buffer/file if none   | C-j  | (ido-select-text)   | Select entered name without attempt for completion.  If no buffer or file exactly matching the prompt exists, create a new one.  buffer: prompt for confirmation as controlled by `confirm-nonexistent-file-or-buffer' and `ido-create-new-buffer' user-options.  file: prompt for confirmation as controlled by `confirm-nonexistent-file-or-buffer' user-option.  |
| Select first match  | • C-m<br>• RET   | (ido-exit-minibuffer)   | Exit minibuffer, but make sure we have a match if one is needed.  • Select the first element in the list of possible match.   |
| Match history   |  | cted it is stored in the history. Es are available for all Ido geomet   | Elements from the history can be retrieved with the following commands. tries.  |
| Select next match   | • C<br>• C-s<br>• <right></right>  | (ido-next-match)  | Move to next match element. Put first element of 'ido-matches' at the end of the list.  |
| Select previous match   | • C-,<br>• C-r<br>• <left></left>  | (ido-prev-match)  | Move to last match element. Put last element of 'ido-matches' at the front of the list.   |
| Get previous selection using regexp   | M-r  | (previous-matching-history-<br>element REGEXP N)                        | Find the previous history element that matches REGEXP.  • (Previous history elements refer to earlier actions.)  • With prefix argument N, search for Nth previous match.  • If N is negative, find the next or Nth next match.  • Normally, history elements are matched case-insensitively if 'case-fold-search' is non-nil, but an uppercase letter in REGEXP makes the search case-sensitive.  • See also 'minibuffer-history-case-insensitive-variables'.  |
| Edit user input     Switch mode   | These do not cha   | ange the order of matches or the<br>s are available for all Ido geomet  |   |
| Delete next char or     enter Dired   | C-đ  | (i <b>do-magic-delete-char</b><br>ARG)                                  | Delete following char in user input or perform magic action.  • Before any user entry for item matching in the following file and directory prompt ido functions, preform the following:  • ido-dired  • · · · · · · · · · · · · · · · · · ·  |
| Move backward in<br>user-input or     change to buffer<br>prompt                                  | C-b  | (ido-magic-backward-char<br>ARG)  | Move backward in user input. Inside directory path move up one directory level.  • Before any user entry for item matching, on the left-most character switch to a buffer prompt selected depending on the currently executing command:  • ido-buffer   |

| <u>Operation</u>  | Keystroke                                 | Function  | Note  |
|---|---|---|---|
| Move forward in user  | -   | 3 3000000   | Note  Move forward on user-input  |
| Move forward in user input or     change to non-Ido find-file | C-f                                       | (ido-magic-forward-char<br>ARG  | Move forward on user-input.  Before any user entry item matching, switch to a buffer prompt selected depending on the currently executing command:  ido-buffer  C-f switch to 'ido-find-file'.  ido-dired  C-f fallback to non-ldo 'dired'.  ido-find-file  C-f fallback to non-ldo 'find-file'.  |
|   |   |   | • ido-list-directory C-f fallback to non-ldo brief 'dired'.   |
| Enter non-matching edit mode                                  | С-е                                       | (ido-edit-input)  | Switch to a temporary non-matching edit mode for editing the absolute buffer/file/directory name entered so far with Ido; terminate by RET to return to matching mode.  If cursor is not at the end of the user input, move to end of input.  When this is selected the matching mechanism is paused. It restarts with RET.                               |
| Take/edit first match   | M-SPC                                     | (ido-take-first-match)  | Use first matching item as input text. Leave the cursor at the end of input text.  Useful, like <b>C-e</b> to edit a match and create a new file with similar name. Then type <b>C-j</b> to force Ido to use that name and open a new file.   |
| • Escape  | Exit the Ido prompt.                      |   |   |
| Escape prompt   | C-g                                       | (minibuffer-keyboard-quit)  | Abort the command that requested this recursive edit or minibuffer input.   |
| buffer prompts  |   | s, all common commands are av<br>s are available for all Ido geome      | railable plus the commands listed below. See <u><b>Suffers</b></u> tries.   |
| Change to file prompt   | C-x C-f                                   | (ido-enter-find-file)   | Drop into 'find-file' from buffer switching.  |
| Change to standard buffer prompt                              | С-х С-ь                                   | (ido-fallback-command<br>&optional FALLBACK-                            | Fallback to 'switch-to-buffer': standard Emacs prompt for buffer.   |
| See also: <u>▼ Buffers</u>                                    |   | COMMAND)  | See <u>Nuffers</u> for more information on switch-to-buffer command.  |
| Bury buffer   | • C-S-b<br>• <f12> b</f12>                | (ido-bury-buffer-at-head)   | Bury the buffer at the head of the Ido matches, moving it a the end of the list of matching buffers, before the name of current buffer.   |
| Kill buffer identified as the first match                     | C-k                                       | (ido-kill-buffer-at-head)   | Kill the buffer at the head of 'ido-matches'.  • If cursor is not at the end of the user input, delete to end of inpu   |
| Toggle use of virtual buffers                                 | C-0                                       | (ido-toggle-virtual-buffers)  | <ul> <li>Toggle the use of virtual buffers.</li> <li>With virtual buffers on, you see names of buffers that have been opened recently even if they have been closed since then. This includes files recently opened.</li> <li>This does not include special buffers. Use C-a to toggle visibility of special buffers.</li> </ul>                          |
| dir prompts   |   | lirectory related prompts, all cor<br>s are available for all Ido geome | mmon commands are available plus the commands listed below. See <u>File-mngt</u> tries.   |
| Change to buffer prompt                                       | C-x C-b                                   | (ido-enter-switch-buffer)   | Drop into 'ido-switch-buffer' from file switching.  |
| Change to non-ido listing directory                           | C-x C-f                                   | (ido-fallback-command<br>&optional FALLBACK-<br>COMMAND)                | Drop into a non-ido directory listing command: no interpretation, no proposal, accept input as typed.   |
| Enter Dired buffer  | C-x C-d                                   | (ido-enter-dired)   | Drop into 'dired' from file switching: open the Dired buffer with current directory name.   |
| Next directory in search                                      | <down></down>                             | (ido-next-match-dir)  | Find next directory in match list.  If work directories have been merged, cycle through directories for first matching file.  |
| Previous directory in search                                  | <up></up>                                 | (ido-prev-match-dir)  | Find previous directory in match list.  • If work directories have been merged, cycle through directories for first matching file.  |
| To next directory in list                                     | • <m-up> • M-p</m-up>                     | (ido-prev-work-directory)   | Change to next working directory in list.   |
| To previous directory in list                                 | • <m-down> • M-n</m-down>                 | (ido-next-work-directory)   | Change to previous working directory in list.   |
| Delete char backwards to go up 1 directory level              | • 区<br>• DEL<br>• <backspace></backspace> | (ido-delete-backward-updir<br>COUNT)                                    | Delete char backwards, or at beginning of buffer, go up one level.  |
| Delete chars backwards to go up 1 directory level             | M-≪                                       | (ido-delete-backward-<br>word-updir COUNT)                              | Delete all chars backwards, or at beginning of buffer, go up one level.   |
| Go up 1 directory level                                       | c-≪                                       | (ido-up-directory &optional CLEAR)                                      | Go up one directory level.  |
| Re-read directory   | C-1                                       | (ido-reread-directory)  | Read current directory again.  May be useful if cached version is no longer valid, but directory timestamp has not changed (e.g. with FTP or on Windows).   |
| Wide directory  | M-d                                       | (ido-wide-find-dir-or-<br>delete-dir &optional DIR)                     | Prompt for DIR to search for using 'find', starting from current directory.  • If input stack is non-empty, delete current directory component.   |
| Move to previous directory, push it in list of choices.       | м-ь                                       | (ido-push-dir)  | Move to previous directory in file name, push current input on stack.   |
| Previous directory in search                                  | M-v                                       | (ido-push-dir-first)  | Move to previous directory in file name, push first match on stack.   |
| Expand absolute path and leave Ido until RET                  | M-f                                       | (ido-wide-find-file-or-pop-<br>dir ARG)                                 | Expand absolute path of the directory and leave Ido prompting mode until RET is typed.  |
| Remove directory from history                                 | M-k                                       | (ido-forget-work-directory)   | Remove current directory from the history   |
| Make directory  | M-m                                       | (ido-make-directory<br>&optional DIR)                                   | Prompt for DIR to create in current directory.  |
| Show next element in search history                           | <pgdn></pgdn>                             | (next-history-element N)  | Puts next element of the minibuffer history in the minibuffer. With argument N, it uses the Nth following element.  |
| Previous file name  | м-о                                       | (ido-prev-work-file)  | Change to previous working file name in list.  These 2 commands seem to have invalid docstrings, I assume the function names are correct. They move from file to file but i's not obvious what the direction is. More investigation is needed.  |
| Next file name  | M-C-o                                     | (ido-next-work-file)  | Change to next working file name in list.   |
| Show previous element in search history                       | <pgup></pgup>                             | (previous-history-element N)  | Puts previous element of the minibuffer history in the minibuffer. With argument N, it uses the Nth previous element.   |
| Search for file matching input                                | M-s                                       | (ido-merge-work-<br>directories)  | Search (and merge) work directories for files matching the current input string.  • This searches in all Ido remembered directories, supporting the match mechanisms.  • For example, if you want to open the file std_base_type.h while editing some Python file but you know you visited a C directory that had that file, type "_base" followed by M-s |
| file prompts  |   | s, all common commands, directs are available for all Ido geome         | d commands and the following commands are available. See <u>File-mngt</u> tries.  |

| Operation   | <u>Keystroke</u>  | Function  | Note Note   |
|---|---|---|---|
| Operation  Delete disk file at head   | C-k   | (ido-delete-file-at-head)   | Delete disk file identified at the head of the matches. Prompt for deleting the file. Then return to  |
| Delete disk file at flead   | C-x   | (ido-delete-me-at-nead)   | the prompt.   |
| Insert word at point in file-name prompt  | C-0   | (ido-copy-current-word<br>ALL)  | Append the word located at the location of the currently edited buffer (used just before the prompt stated) to the file name used in the prompt.  This is a way to quickly build a file name using the current directory and the new word (which will include the file extension if there is any in the word at point).   |
| Insert file name of current buffer to prompt  | C-w   | (ido-copy-current-file-name<br>ALL)   | Insert file name of current buffer.  If repeated, insert text from buffer instead.  Use this to create or search for file with the same name as but with a different extension than current one.  |
| Toggle literal reading fo file  | M-1   | (ido-toggle-literal)  | Toggle literal reading of this file.  • Affects next selection of file with RET.  • When reading a file literally, Emacs visit it in Fundamental mode and does not interpret the type of file, does not encode or decode, and does not use the major mode normally associated with the file.  |
| Ivy/Counsel/Swiper  |   |   |   |
| See:  • Ivy Manual • Ivy, Counsel, Swiper Tutorial  | Ivy is another powerful completion engine, with a lot of support over a large number of packages.  Ivy is easy and intuitive to use; it shows all potential candidates on several lines.  It supports several commands. The commands and key bindings are listed in the following sections.  PEL adds the <f1> key binding to open this page, although Ivy provides a well written help page that is accessible with C-h m and contains most of this information.  Requires Ivy external package.</f1>  |   |   |
| Open this <u>∑ Completion/Input PDF</u> file or the web page See also: <u>∑ Help/Info</u>   | <f12><f1></f1></f12>  | (pel-help-on-completion-<br>input &optional OPEN-WEB-<br>PAGE)  | Open the input completion help PDF file.  • With a prefix (like C-u) use the default browser to open the GitHub web page.  • ✓ Note that if your browser can render PDF content you will then be able to easily navigate across PDF pages that have several web links.  • Use the C-h key prefix to access Emacs help commands, as PEL uses <f1> for this command.</f1>   |
| Help for Ivy  | C-h m   | (ivy-help)  | Open a window with the help for 'ivy'.  |
| Using ivy Hydra   | <ul> <li>C-h m (Ivy-neip) Open a window with the neip for 'ivy'.</li> <li>Enter Hydra with C-o</li> <li>When in Hydra, C-o or i resumes editing.</li> <li>Hydra simplify key strokes, for example: C-n C-n C-n is C-o jjjj in Hydra. Besides certain shorter keys, Hydra shows useful info such as case folding and the current action.</li> <li>Additionally, here are the keys that are otherwise not bound:</li> <li>&lt; and &gt; adjust the height of the minibuffer.</li> <li>c (ivy-toggle-calling) - toggle calling the current action each time a different candidate is selected.</li> <li>M (ivy-rotate-preferred-builders) - rotate regex matcher.</li> <li>w and s scroll the actions list.</li> <li>Minibuffer editing is disabled when Hydra is active.</li> </ul> |   |   |
|   | Requires the <b>hvdra</b> ex  | ternal package 🛂 PEL provides   | s Hydra when <b>pel-use-hydra</b> user option is set to <b>t</b> .  |
| Start ivy Hydra   | C-o   | (hydra-ivy/body)  | Invokes Hydra menus with key shortcuts.   |
|   |   | <b>pel-</b> -base <b>.el</b>  | Cancel   Options   Action w/s/a: [1/3] default insert   c: calling off  |
|   |   | pelkeys-macros.el pelmacros.el peloptions.el pel-align.el pel-applescript.el pel-autocomplete.el pel-autoload.el pel-autoloads.el   |   |
| lvy Matcher control   | <ul> <li><u>ivy-regex-plus</u></li> </ul>   | pelmacros.el peloptions.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoloads.el atch control engines (matche : spaces separating -order : ignore order of rego   | rs). They are all regexp-based: words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.   |
| Ivy Matcher control  Change ivy matcher   | <ul><li>ivy-regex-plus</li><li>ivy-regex-ignore-</li></ul>  | pelmacros.el peloptions.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoloads.el atch control engines (matche : spaces separating -order : ignore order of rego   | words match any characters<br>exp tokens  |
| Change ivy matcher  • Keys for selection  | ivy-regex-plus     ivy-regex-ignore     ivy-regex-fuzzy  C-o M  | pelmacros.el peloptions.el pel-align.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoloads.el  atch control engines (matche : spaces separating -order : ignore order of rego : splits each charact  (hydra-ivy/ivy-rotate- preferred-builders)   | words match any characters exp tokens er with a wildchar and uses <u>flx</u> package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.   |
| Change ivy matcher  | ivy-regex-plus     ivy-regex-ignore     ivy-regex-fuzzy  C-o M  | pelmacros.el peloptions.el pel-align.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoloads.el  atch control engines (matche : spaces separating -order : ignore order of rego : splits each charact  (hydra-ivy/ivy-rotate- preferred-builders)   | words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.  • Type C-o or i to exit lvy Hydra and continue typing selection.  |
| Change ivy matcher  • Keys for selection navigation   | ivy-regex-plus     ivy-regex-ignore     ivy-regex-fuzzy  C-o M  Ivy display selections over  C-n  | pelmacros.el peloptions.el pel-align.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoloads.el  atch control engines (matche : spaces separating -order : ignore order of rege : splits each charact  (hydra-ivy/ivy-rotate- preferred-builders)  er a set of lines. Use the following   | words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.  Type C-o or i to exit lvy Hydra and continue typing selection.  Reg keys to navigate through them.  |
| Change ivy matcher  • Keys for selection navigation  Select next candidate  | ivy-regex-plus     ivy-regex-ignore-     ivy-regex-fuzzy  C-o M  Ivy display selections ove      C-n <down>      C-p</down>   | pelmacros.el peloptions.el pel-align.el pel-applescript.el pel-autocomplete.el pel-autoload.el pel-autoloads.el  atch control engines (matche : spaces separating -order : ignore order of regres : splits each charact (hydra-ivy/ivy-rotate- preferred-builders)  er a set of lines. Use the following (ivy-next-line)  | words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.  • Type C-o or i to exit Ivy Hydra and continue typing selection.  Ing keys to navigate through them.  Select next candidate   |
| Change ivy matcher  • Keys for selection navigation  Select next candidate  Select previous candidate   | ivy-regex-plus ivy-regex-ignore- ivy-regex-fuzzy  C-o M  Ivy display selections over  C-n <down>  C-p <ul> <li>cup&gt;</li> </ul> </down>   | pelmacros.el peloptions.el pel-align.el pel-applescript.el pel-autocomplete.el pel-autoload.el pel-autoloads.el  atch control engines (matche : spaces separating -order : ignore order of rego : splits each charact (hydra-ivy/ivy-rotate- preferred-builders)  er a set of lines. Use the followir  (ivy-next-line)  | words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.  • Type C-o or i to exit Ivy Hydra and continue typing selection.  Ing keys to navigate through them.  Select next candidate  Select previous candidate  |
| Change ivy matcher  • Keys for selection navigation  Select next candidate  Select previous candidate  Scroll to next page  | ivy-regex-plus ivy-regex-ignore- ivy-regex-fuzzy  C-o M  Ivy display selections ove  C-n <down> C-p <ul> <li><up></up></li> <li>C-p</li> <li><up></up></li> </ul> </down>   | pelmacros.el peloptions.el pel-align.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoloads.el  atch control engines (matche : spaces separating -order : ignore order of rege : splits each charact  (hydra-ivy/ivy-rotate- preferred-builders)  er a set of lines. Use the followir  (ivy-next-line)  (ivy-previous-line)  | words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.  • Type C-o or i to exit Ivy Hydra and continue typing selection.  Ing keys to navigate through them.  Select next candidate  Select previous candidate  Next page of candidates   |
| Change ivy matcher  • Keys for selection navigation  Select next candidate  Select previous candidate  Scroll to next page  Scroll to previous page   | ivy-regex-plus ivy-regex-ignore- ivy-regex-fuzzy  C-o M  Ivy display selections over  C-n <down> C-p <ul> <li>up&gt;</li> <li>C-v</li> <li>M-v</li> </ul></down>  | pelmacros.el peloptions.el pel-align.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoloads.el  atch control engines (matche : spaces separating order : ignore order of regres : splits each charact (hydra-ivy/ivy-rotate- preferred-builders)  er a set of lines. Use the following (ivy-next-line)  (ivy-previous-line)  (ivy-scroll-up-command)   | words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.  • Type C-o or i to exit lvy Hydra and continue typing selection.  Ing keys to navigate through them.  Select next candidate  Select previous candidate  Next page of candidates  Previous page of candidates  |
| Change ivy matcher  • Keys for selection navigation  Select next candidate  Select previous candidate  Scroll to next page  Scroll to previous page  Select first candidate  Select last candidate  • Keys for single | ivy-regex-plus ivy-regex-ignore- ivy-regex-fuzzy  C-o M   Ivy display selections over  C-n <down> C-p <ul> <li>up&gt;</li> <li>c-v</li> <li>M-v</li> <li>M-&gt;</li> </ul></down>   | pelmacros.el peloptions.el pel-align.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoload.el pel-autoloads.el  atch control engines (matche   | words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.  • Type C-o or i to exit lvy Hydra and continue typing selection.  Ing keys to navigate through them.  Select next candidate  Select previous candidate  Next page of candidates  Previous page of candidates  Select first candidate  |
| Change ivy matcher  • Keys for selection navigation  Select next candidate  Select previous candidate  Scroll to next page  Scroll to previous page  Select first candidate  Select last candidate                    | ivy-regex-plus ivy-regex-ignore- ivy-regex-fuzzy  C-o M   Ivy display selections over  C-n <down> C-p <ul> <li>up&gt;</li> <li>c-v</li> <li>M-v</li> <li>M-&gt;</li> </ul></down>   | pelmacros.el peloptions.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoloads.el  atch control engines (matche : spaces separating -order : ignore order of regres : splits each charact  (hydra-ivy/ivy-rotate- preferred-builders)  er a set of lines. Use the following  (ivy-next-line)  (ivy-previous-line)  (ivy-scroll-up-command)  (ivy-scroll-down-command)  (ivy-beginning-of-buffer)               | words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.  • Type C-o or i to exit lvy Hydra and continue typing selection.  Ing keys to navigate through them.  Select next candidate  Select previous candidate  Next page of candidates  Previous page of candidates  Select first candidate  |
| Change ivy matcher  • Keys for selection navigation  Select next candidate  Select previous candidate  Scroll to next page  Scroll to previous page  Select first candidate  • Keys for single selection              | ivy-regex-plus ivy-regex-ignore- ivy-regex-fuzzy  C-o M  Ivy display selections over  C-n <down> C-p <ul> cup&gt; C-v M-v M- M-&gt; The following commands <li>C-m</li> </ul></down>  | pelmacros.el peloptions.el pel-align.el pel-autocomplete.el pel-autoload.el pel-autoloads.el  atch control engines (matche : spaces separating -order : ignore order of regres : splits each charact (hydra-ivy/ivy-rotate- preferred-builders)  er a set of lines. Use the following (ivy-next-line) (ivy-previous-line) (ivy-scroll-up-command) (ivy-scroll-down-command) (ivy-beginning-of-buffer) (ivy-end-of-buffer) | words match any characters exp tokens er with a wildchar and uses flx package scoring mechanism if it is installed.  Changelvy matcher, rotating from regex-plus, regexp-ignore-order and regexp-fuzzy as described above.  • Type C-o or i to exit lvy Hydra and continue typing selection.  Ing keys to navigate through them.  Select next candidate  Select previous candidate  Next page of candidates  Previous page of candidates  Select first candidate  Select last candidate  Exit the minibuffer with the selected candidate. |

| <u>Operation</u>  | <u>Keystroke</u>  | Function   | <u>Note</u>  |
|---|---|--|--|
| Complete as much as possible  | Tab   | (ivy-partial-or-done)  | Complete the minibuffer text as much as possible.  • Attempt partial completion, extending the current input as much as possible.  • Tab Tab is the same as C-j.   |
| Use current selection as is   | С-м-ј   | (ivy-immediate-done)   | Exit the minibuffer with current input instead of current candidate.  Exit with the current action, calling it on the current input instead of the current candidate.  This is useful especially when creating new files or directories - often the input will match an existing file, which you don't want to select.   |
| Select a candidate with avy   | • C-'   | (ivy-avy)  | Select a candidate from the current page with <a href="https://www.nc.google.com/">avy</a> and exit with the current action.  Any works by typing 2 characters that are replaced with a highlight to use.  The C-' binding only works in graphics mode. When <a href="https://www.nc.google.com/">pel-use-avy</a> is t, PEL adds the M-H key binding that works also in terminal mode.  Requires the <a href="https://www.nc.google.com/">avy</a> and <a href="https://www.nc.google.com/">ivy-avy</a> external packages <a href="https://www.nc.google.com/">PEL activates both of them when the <a href="https://www.nc.google.com/">pel-use-avy</a> user option is set to t.</a>  |
| Keys for multiple<br>selections   | The following commands  | act on a multiple item selection   | n, which is used in some context.  |
|   | C-M-m   | (ivy-call)   | Non-exiting version of <b>C-m</b>  |
|   | C-M-n   | (ivy-next-line-and-call)   | Combines C-n and C-M-m.  |
|   | С-М-р   | (ivy-previous-line-and-call)   | Combines C-p and C-M-m.  |
|   | С-М-о   | (ivy-dispatching-call)   | Non-exiting version of <b>M-o</b>  |
| Keys that alter<br>minibuffer input   | The following commands  | modify the user input, using th  | e history of previously selected items.  |
| Next input in history   | M-n   | (ivy-next-history-element)   | Select the next history element or symbol/URL at point.  |
| Previous input in history   | М-р   | (ivy-previous-history-<br>element)   | Select the previous history element or symbol/URL at point.  |
|   | C-r   | (ivy-reverse-i-search)   | Start a recursive completion session to select a history element.  |
|   | м-ј   | (ivy-yank-word)  | Insert the sub-word at point into the minibuffer.  |
| Narrow selection to current matches   | • S-SPC<br>• C-SPC  | (ivy-restrict-to-matches)  | Deletes the current input, and resets the candidates list to the currently restricted matches.  • This is how lvy provides narrowing in successive tiers.  • The S-SPC binding only works in graphics mode. PEL adds the C-SPC key binding that works also in terminal mode.   |
| • Other   |   |  |  |
| Copy selections in kill ring  | M-w   | (ivy-kill-ring-save)   | Copies the selected candidates to the kill ring; when the region is active, copies the active region.  |
| Saving current<br>completion in buffer  |   |  |  |
| List selection in separate buffer   | C-c C-o   | (ivy-occur)  | Saves the current candidates to a new buffer; the list is active in the new buffer.  |
| Select item from buffer   | • RET • <mouse-1></mouse-1>   | (ivy-occur-press-and-<br>switch)   | Used in the new buffer calls the appropriate action on the selected candidate.   |
|   |   |  |  |
| Helm Input     Completion   | It does not use the mir pattern match it. Once The list is updated as y You can resize the Hell You can navigate the p b to switch/open other You can also perform a open (as it normally cle And Helm comes with   | eyou enter a command with He<br>you type and refine your search<br>m window when it is opened.<br>eattern match list, select one or<br>buffer or when you type C-x<br>other actions on the selections subses right after you made your<br>extensions of other commands   | ab> key for completion; you just need to type some part of the text you search for and Helm will Im input completion a Helm buffer shows a list of potential match with the most probable on top. pattern.  several matches (for some of the commands that open the Helm buffer like when you type C-x   |
|   | It does not use the mir pattern match it. Once The list is updated as y You can resize the Hell You can navigate the p to switch/open other You can also perform of open (as it normally cloth) And Helm comes with See the document title  This is the Helm mode PEL provides a basic of be customized. Customize Helm with  | ibuffer and does not use the <te a="" and="" command="" control="" enter="" he="" is="" it="" m="" of="" opened.="" properties="" refine="" result="" search="" td="" the="" the<="" type="" when="" window="" with="" you="" your=""><td>ab&gt; key for completion; you just need to type some part of the text you search for and Helm will Im input completion a Helm buffer shows a list of potential match with the most probable on top. pattern.  several matches (for some of the commands that open the Helm buffer like when you type C-x C-f to find/open file(s). Such as opening a file as root. And you can perform a Helm action and keep the Helm window selection for the command you were executing.  It is the remaining top and allowing pattern match to filter the list of processes you want to see.</td></te>  | ab> key for completion; you just need to type some part of the text you search for and Helm will Im input completion a Helm buffer shows a list of potential match with the most probable on top. pattern.  several matches (for some of the commands that open the Helm buffer like when you type C-x C-f to find/open file(s). Such as opening a file as root. And you can perform a Helm action and keep the Helm window selection for the command you were executing.  It is the remaining top and allowing pattern match to filter the list of processes you want to see.   |
|   | It does not use the mir pattern match it. Once The list is updated as y You can resize the Hell You can navigate the p b to switch/open other You can also perform copen (as it normally cld And Helm comes with See the document title This is the Helm mode PEL provides a basic obe customized. Customize Helm with PEL sets the Helm global Helm buffer windows open  | ibuffer and does not use the <te a="" and="" command="" control="" enter="" he="" is="" it="" m="" of="" opened.="" properties="" refine="" result="" search="" td="" the="" the<="" type="" when="" window="" with="" you="" your=""><td>ab&gt; key for completion; you just need to type some part of the text you search for and Helm will Im input completion a Helm buffer shows a list of potential match with the most probable on top. pattern.  several matches (for some of the commands that open the Helm buffer like when you type C-x C-f to find/open file(s). such as opening a file as root. And you can perform a Helm action and keep the Helm window selection for the command you were executing. Is like running top and allowing pattern match to filter the list of processes you want to see.  own: Helm" for a more comprehensive overview with screen shots.  Activate it with the pel-use-helm user-option set to t.  Initiar to the extended config described in that document. But it does not set Helm values that can helm or with <f11> <f2> g helm. (See also: Customize)  m mode is active (or ido/helm mode) you can execute global Helm commands via that prefix key.  Helm session.</f2></f11></td></te>   | ab> key for completion; you just need to type some part of the text you search for and Helm will Im input completion a Helm buffer shows a list of potential match with the most probable on top. pattern.  several matches (for some of the commands that open the Helm buffer like when you type C-x C-f to find/open file(s). such as opening a file as root. And you can perform a Helm action and keep the Helm window selection for the command you were executing. Is like running top and allowing pattern match to filter the list of processes you want to see.  own: Helm" for a more comprehensive overview with screen shots.  Activate it with the pel-use-helm user-option set to t.  Initiar to the extended config described in that document. But it does not set Helm values that can helm or with <f11> <f2> g helm. (See also: Customize)  m mode is active (or ido/helm mode) you can execute global Helm commands via that prefix key.  Helm session.</f2></f11>  |
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| Completion  Operation inside Helm buffer  | It does not use the mir pattern match it. Once The list is updated as y. You can resize the Hell You can navigate the p. b to switch/open other. You can also perform copen (as it normally clothand Helm comes with See the document title.  This is the Helm moder. PEL provides a basic of be customized. Customize Helm with PEL sets the Helm global. Helm buffer windows open The following sections decrease.  | ibuffer and does not use the <to "a="" a="" actions="" after="" and="" as="" available.<="" be="" c-c="" c-x="" command="" commands="" completion="" configuration="" customize-group="" ensup="" enter="" escribe="" external="" for="" h.="" he="" held="" helm="" in="" is="" it="" its="" launch="" league="" m="" m-x="" made="" of="" on="" once="" opened.="" other="" package="" prefix="" properties="" received="" refine="" right="" search="" selections="" sextensions="" single="" soon="" spaces="" td="" that="" the="" to="" type="" when="" window="" with="" you="" your=""><td>ab&gt; key for completion; you just need to type some part of the text you search for and Helm will Im input completion a Helm buffer shows a list of potential match with the most probable on top. pattern.  several matches (for some of the commands that open the Helm buffer like when you type C-x C-f to find/open file(s). such as opening a file as root. And you can perform a Helm action and keep the Helm window selection for the command you were executing. It ike running top and allowing pattern match to filter the list of processes you want to see.  own: Helm for a more comprehensive overview with screen shots.  activate it with the pel-use-helm user-option set to t.  nilar to the extended config described in that document. But it does not set Helm values that can helm or with <f11> <f2> g helm. (See also: Customize)  m mode is active (or ido/helm mode) you can execute global Helm commands via that prefix key.  Helm session.  inside Helm buffer window.</f2></f11></td></to>  | ab> key for completion; you just need to type some part of the text you search for and Helm will Im input completion a Helm buffer shows a list of potential match with the most probable on top. pattern.  several matches (for some of the commands that open the Helm buffer like when you type C-x C-f to find/open file(s). such as opening a file as root. And you can perform a Helm action and keep the Helm window selection for the command you were executing. It ike running top and allowing pattern match to filter the list of processes you want to see.  own: Helm for a more comprehensive overview with screen shots.  activate it with the pel-use-helm user-option set to t.  nilar to the extended config described in that document. But it does not set Helm values that can helm or with <f11> <f2> g helm. (See also: Customize)  m mode is active (or ido/helm mode) you can execute global Helm commands via that prefix key.  Helm session.  inside Helm buffer window.</f2></f11>  |
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| <u>Operation</u>   | <u>Keystroke</u>  | Function  | <u>Note</u>   |
|--|---|---|---|
| Select patterns in Helm<br>Pattern buffer  | The following commands  | s, available only for some input li   | ists, allow you to mark several patterns to be processed.   |
| Toggle line selection  | • C-SPC<br>• C-@  | (helm-toggle-visible-mark<br>ARG)   | Toggle helm visible mark at point ARG times.  If ARG is negative toggle backward.   |
| Select all   | м-а   | (helm-mark-all &optional ALL)   | Mark all visible unmarked candidates in current source.  • With a prefix arg mark all visible unmarked candidates in all sources.   |
| Operate on selection   | The following commands  | are used to act on the selected   | l items from the Helm list  |
| Copy Helm selection to current buffer  | • C-c C-i<br>• C-c <tab></tab>                                | (helm-copy-to-buffer)   | Copy selection or marked candidates to 'helm-current-buffer'.  Note that the real values of candidates are copied and not the display values.   |
| Act on current selection(s)  | RET   | (helm-maybe-exit-minibuffer)  | If Helm session has completed the search and is displaying the result, exit the helm session and act on the current selection, doing what corresponds to the command that launched the Helm session.  • The action applies to all selected candidates and is applied inside the window that was current when the Helm session started. so if point is inside window A when you issue a C-x C-f command to find a file and select several files then these files will be opened in buffers whose window will split the area of the previous window A.  |
| Act on current selection(s)  List possible actions  First is the native action  Other possible actions follow. The list depends on the original command. | • <tab> • C-i</tab>   | (helm-select-action)  | Select an action for the currently selected candidate(s).  If action buffer is selected, back to the helm buffer.  If several actions are possible, display a menu of possible actions, their assigned function key (for the first 12 possible action), a short descriptive link that may include possible key binding for the action.  The list of possible actions can be quite long. For example, the list of actions shown in a Helm session opened to visit a file can include about 50 different actions that range from just visiting the file to diffing it, making a backup, compiling it, opening in hexadecimal editing, etc  The action applies to all selected candidates and is applied inside the window that was current when the Helm session started. so if point is inside window A when you issue a C-x C-f command to find a file and select several files then these files will be opened in buffers whose window will split the area of the previous window A. |
| Perform action on current pattern without quitting Helm  | • C-j<br>• C-M-i  | (helm-execute-persistent-<br>action &optional ATTR<br>SPLIT)  | Perform the associated action ATTR without quitting helm.  The action applies to the current pattern, not lines that might have been selected.  |
| Helm Help  | Once Helm is running the following command open Helms manual. |   |   |
| Open Helm Manual (in<br>Org mode format)   | • C-h m<br>• C-c ?  | (helm-help)   | Generate helm's help according to 'help-message' attribute.  If 'helm-buffer' is empty, provide completions on 'helm-sources' to choose its local documentation.  If source doesn't have any 'help-message' attribute, a generic message explaining this is added instead.  The global 'helm-help-message' is always added after this local help.   |
| Launching Helm<br>Search   | The rest of this table needs to be completed.                 |   |   |
|  |   |   |   |
| Helm special commands  |   | ing commands that integrate wi<br>Ido/Helm mode is active the <f< th=""><th>th other tools.  11&gt; h key prefix is active giving quick access to these useful helm commands.</th></f<> | th other tools.  11> h key prefix is active giving quick access to these useful helm commands.  |
|  |   |   |   |