Customizing Emacs with PEL

	<u>Keystroke</u>	Function	<u>Note</u>	
PEL: Control Emacs via Easy Customization	customization system. This table shows how to quickl buffers that operate in the Cus The first section shows navig	ly gain access to the customized datomize mode with special key binding gation commands available inside an annuands that you can use to open b	d of having to write Emacs Lisp code, you use Emacs easy-to-use at a using commands that open buffers that show the customized data inside ngs to speed up operation in that mode. I buffer that shows customized data (also called user options). uffers in Customization Mode to manage user options of interest.	
	PEL provides a growing set The "pel-use-" activation only when you need them Once a package or feature	of customization groups and user o user options identify what built-in o . This way your Emacs will start que e is activated with the "pel-use-" use	ption variables that control several aspects of Emacs: or external Emacs Lisp package to use. PEL has logic to autoload the packages lickly even if you have identified a large number of packages. Ser option, the other options control different behaviour of the activated package —init. PEL will activate the new configuration.	
Open this PDF file. See also: <u>▼ Help/Info</u>	<f11> <f2> <f1></f1></f2></f11>	(pel-help-pdf &optional OPEN-WEB-PAGE)	Open the <u>Nature</u> Control Cont	
Customization Data See also: PEL user-manual	By default Emacs stores the customization data inside the Emacs init.el file as Lisp code inside a <u>custom-set-variable</u> form. PEL stores it inside a <u>separate file</u> , allowing dynamic selection of several files and storage into VCS independent from the init.el logic. By default, PEL stories it inside the file <u>-/.emacs.d/emacs-customization.el</u> . PEL supports using 2 independent customization files: one for Emacs running in terminal/TTY mode and another running in graphics mode. Type <f11> <f2> ? to see what is the current setup. Type <f11> <f2> M-d to activate the use of 2 independent files. In all cases your init.el file must set the custom-file "~/.emacs.d/emacs-customization.el") (load custom-file) On Emacs 27 and later you may also have to set it inside the early-init.el file. When using PEL, that code must be located before the call to <u>pel-init</u>. PEL provides <u>examples of init.el and early-init.el</u> and provides commands to setup a dual customization file. The use of a file to store Emacs customization data separate from the Emacs init.el file provides another degree of freedom and flexibility. It becomes possible to easily distribute a configuration to several computers (or even users) without sharing more private information that can be</f2></f11></f2></f11>			
Display name of customization file. Show whether PEL dual independent customization is used or not.	kept inside the init.el file. <f11> <f2> ?</f2></f11>	(pel-setup-info-dual- environment)	Display current PEL customization setup. • Check two independent customization files for terminal/tty and graphics mode are requested and if so check if they are setup properly. • Report an error and list problems if there are any, otherwise display the current setup. • After executing that command you will have to edit your init.el file and set the pel-use-graphic-specific-custom-file-p symbol to t. See the OPTION A inside the init-5.el example file.	
Activate PEL independent customization for Emacs in	<f11> <f2> M-d</f2></f11>	(pel-setup-dual-environment)	Setup Emacs environment to support 2 independent customization. • Prompts before proceeding.	
terminal/TTY mode and Emacs in graphics mode	Normally Emacs makes no distinction between those and uses the exact same set of customization files and Elpa packages for Emacs operating in those two different modes. If you want to manage the customization and packages used when Emacs operates in terminal/TTY mode one was and when Emacs operates in graphics mode another way, with PEL, then use that command. • Provide support for a customization and the Elpa directories required for the following two modes Emacs operation: • terminal/TTY mode • graphics mode • After trying to set everything for the use of dual environment it displays a message describing the state. It lists the actions performed and any remaining problems which you will have to fix manually. If all is now OK it will say so, or if all was already ok, it will also say so.			
Customize Mode		This section describes commands available in buffer operating in Customize-mode showing the various user options you got access to using the commands described in the sections below.		
Move to Avy/Ace target				
See also: Navigation	0	(ace-link-custom)	 Highlight each target with an Avy/Ace single or double letter target. Type the letter(s) to move to that position. This is a very efficient and quick navigation mechanism. Requires ace-link external package PEL downloads, installs and activates it when the pel-use-ace-link user option is set to t. 	
	C-c C-c	(Custom-set &rest IGNORE)	 2. Type the letter(s) to move to that position. • This is a very efficient and quick navigation mechanism. • PRequires ace-link external package PEL downloads, installs and 	
Apply customization changes Apply and Save customization		,	 2. Type the letter(s) to move to that position. • This is a very efficient and quick navigation mechanism. • PEL downloads, installs and activates it when the pel-use-ace-link user option is set to t. 	
Apply customization changes Apply and Save customization changes Quit Customization and close	C-c C-c	(Custom-set &rest IGNORE)	2. Type the letter(s) to move to that position. • This is a very efficient and quick navigation mechanism. • PRequires ace-link external package PEL downloads, installs and activates it when the pel-use-ace-link user option is set to t. Set the current value of all edited settings in the buffer. Set all edited settings, then save all settings that have been set. • If a setting was edited and set before, this saves it. If a setting was merely	
Apply customization changes Apply and Save customization changes Quit Customization and close buffer Browse customize data	C-c C-c C-x C-s q The following commands creat down to a single options and a	(Custom-set &rest IGNORE) (Custom-save &rest IGNORE) (Custom-buffer-done &rest IGNORE) te a tree browser for the customize any can be collapsed. Note that PE	2. Type the letter(s) to move to that position. • This is a very efficient and quick navigation mechanism. • PRequires ace-link external package PEL downloads, installs and activates it when the pel-use-ace-link user option is set to t. Set the current value of all edited settings in the buffer. Set all edited settings, then save all settings that have been set. • If a setting was edited and set before, this saves it. If a setting was merely edited before, this sets it then saves it. Exit current Custom buffer according to 'custom-buffer-done-kill'. hierarchy inside a *Customize Browser* buffer. Each node can we expanded L's customization groups and options are all always available contrary to the	
Apply customization changes Apply and Save customization changes Quit Customization and close buffer Browse customize data tree Browse complete customize	C-c C-c C-x C-s q The following commands creat down to a single options and a	(Custom-set &rest IGNORE) (Custom-save &rest IGNORE) (Custom-buffer-done &rest IGNORE) te a tree browser for the customize any can be collapsed. Note that PE	2. Type the letter(s) to move to that position. • This is a very efficient and quick navigation mechanism. • PRequires ace-link external package PEL downloads, installs and activates it when the pel-use-ace-link user option is set to t. Set the current value of all edited settings in the buffer. Set all edited settings, then save all settings that have been set. • If a setting was edited and set before, this saves it. If a setting was merely edited before, this sets it then saves it. Exit current Custom buffer according to 'custom-buffer-done-kill'. hierarchy inside a "Customize Browser" buffer. Each node can we expanded L's customization groups and options are all always available contrary to the	
Apply customization changes Apply and Save customization changes Quit Customization and close buffer Browse customize data tree Browse complete customize data tree from root: Emacs	C-c C-c C-x C-s q The following commands creat down to a single options and a ones that will be available in the	(Custom-set &rest IGNORE) (Custom-save &rest IGNORE) (Custom-buffer-done &rest IGNORE) te a tree browser for the customize any can be collapsed. Note that PE to Emacs group because the Emacs (customize-browse &optional)	2. Type the letter(s) to move to that position. • This is a very efficient and quick navigation mechanism. • Requires ace-link external package PEL downloads, installs and activates it when the pel-use-ace-link user option is set to t. Set the current value of all edited settings in the buffer. Set all edited settings, then save all settings that have been set. • If a setting was edited and set before, this saves it. If a setting was merely edited before, this sets it then saves it. Exit current Custom buffer according to 'custom-buffer-done-kill'. hierarchy inside a "Customize Browser" buffer. Each node can we expanded L's customization groups and options are all always available contrary to the signoup contains only what is currently loaded and the PEL one is always loaded. Open the customize tree bowser for the entire Emacs customization data already loaded. • Unfortunately this command does not prompt it always opens the tree from the root. To specify a group use the command shown below. Emacs is only able to show information it knows about. Customization	
Apply customization changes Apply and Save customization changes Quit Customization and close buffer Browse customize data tree Browse complete customize data tree from root: Emacs	C-c C-c C-x C-s q The following commands creat down to a single options and a ones that will be available in th <f11> <f2> B Lemacs can only show inform the library is not loaded and</f2></f11>	(Custom-set &rest IGNORE) (Custom-save &rest IGNORE) (Custom-buffer-done &rest IGNORE) te a tree browser for the customize any can be collapsed. Note that PE to Emacs group because the Emacs (customize-browse &optional GROUP) (pel-browse-group GROUP) mation it knows about. Customizatary commands available as the <f3< td=""><td> 2. Type the letter(s) to move to that position. • This is a very efficient and quick navigation mechanism. • Requires ace-link external package PEL downloads, installs and activates it when the pel-use-ace-link user option is set to t. Set the current value of all edited settings in the buffer. Set all edited settings, then save all settings that have been set. • If a setting was edited and set before, this saves it. If a setting was merely edited before, this sets it then saves it. Exit current Custom buffer according to 'custom-buffer-done-kill'. hierarchy inside a *Customize Browser* buffer. Each node can we expanded L's customization groups and options are all always available contrary to the group contains only what is currently loaded and the PEL one is always loaded. Open the customize tree bowser for the entire Emacs customization data already loaded. • Unfortunately this command does not prompt it always opens the tree from the root. To specify a group use the command shown below. A Emacs is only able to show information it knows about. Customization data defined in files not loaded will not be accessible. Browse the customization tree from a specific group node. • Prompts for a group name. Supports tab completion. </td></f3<>	 2. Type the letter(s) to move to that position. • This is a very efficient and quick navigation mechanism. • Requires ace-link external package PEL downloads, installs and activates it when the pel-use-ace-link user option is set to t. Set the current value of all edited settings in the buffer. Set all edited settings, then save all settings that have been set. • If a setting was edited and set before, this saves it. If a setting was merely edited before, this sets it then saves it. Exit current Custom buffer according to 'custom-buffer-done-kill'. hierarchy inside a *Customize Browser* buffer. Each node can we expanded L's customization groups and options are all always available contrary to the group contains only what is currently loaded and the PEL one is always loaded. Open the customize tree bowser for the entire Emacs customization data already loaded. • Unfortunately this command does not prompt it always opens the tree from the root. To specify a group use the command shown below. A Emacs is only able to show information it knows about. Customization data defined in files not loaded will not be accessible. Browse the customization tree from a specific group node. • Prompts for a group name. Supports tab completion. 	

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
Emacs Easy Customization	With the following command you can gain access to the Customize-mode to customize anything of interest. With the first command you open the customization buffer and then you can search or browse what you want to customize. The second command allow you to open the buffer at a specific customization group and the third one at a specific user option. These commands prompt for the information you are looking for. You can always use completion by typing tab> at any point to get a list of available groups or variables. Several of the commands below open the PEL customization group and one or several other groups related to the same topic, when these groups are already loaded. If you set the OTHER-WINDOW argument, the command open s the buffer in another window and also open any group related that exists. For example if you open the PEL group for grep with C-u <f11> <f2> g, this will also open the grep group, the rg and ripgrep groups if they are loaded. Each group will open inside its own bugger and the command will create the necessary windows. Intil a package is loaded its customization group is unknown to Emacs and no buffer will be opened for it. To see the customization group, first load the package via one of its command that is auto-loaded or load it explicitly. Note however that the PEL commands that open customization groups attempt to identify the library where the customization group is defined and will prompt you to load the related library to enable access to the customization group. The groups accessible via the PEL commands are limited to what PEL supports.</f2></f11>		
Customize Emacs	<f11> <f2> c</f2></f11>	(customize)	Select a customization buffer which you can use to set user options. • User options are structured into "groups". • Initially the top-level group 'Emacs' and its immediate subgroups are shown; the contents of those subgroups are initially hidden. • Emacs is only able to show information it knows about. Customization data defined in files not loaded will not be accessible.
Customize a specific group	<f11> <f2> g</f2></f11>	(customize-group &optional GROUP OTHER-WINDOW)	Customize GROUP, which must be a customization group. If OTHER-WINDOW is non-nil (use C-u), display in another window. This command provides completion and you can use it to detect groups. Emacs is only able to show the name names of groups that are defined in files that have already been loaded. You won't be able to open a group that is not already loaded. The pel-customize-library commands available as the <f3> key of PEL key prefixes does not suffer from this problem: it will detect that the library is not loaded and will prompt you for loading it, giving you access to the customization buffer when you need it. The information is available in the various PDF pages at the top of each page.</f3>
Customize a user option	<f11> <f2> o</f2></f11>	(customize-option SYMBOL)	Customize SYMBOL, which must be a user option. • As with groups, Emacs provides completion for user options, allowing you to detect user options. • Emacs is only able to show the name names of user options that are defined in files that have already been loaded. You won't be able to open a group that is not already loaded. But see the notice in the above cell.
Activate and cleanup your packages using PEL customization user- variables	 PEL provides customization-driven package management. PEL controls download, installation and configuration of the packages supported by its pel-use- user-options controlled by the PEL customization groups. The packages missing are installed when you start Emacs or when you explicitly run the pel-init command. PEL also removes the packages that are not required by the PEL user-options when you issue the pel-cleanup command. Use a key prefix for this command to perform a dry-run of the command and produce a report of what would be removed. PEL does not delete packages. Instead it places them into separate directories, called "attic" directories. You can then retrieve the package from the directories later. The elpa packages are stored in the directory identified by package-user-dir or in the "elpa" directory inside the user-emacs-directory. The elpa attic is identified by a name that appends "-attic" to the above directory name. On a Unix-like system that would normally be "-/.emacs.d/elpa" and "-/.emacs.d/elpa-attic". The non-elpa files are stored in the directory identified by the pel-utils-dirname user-options (which defaults to "utils") inside the directory identified by the user-emacs-directory. Its attic directory name is the same name with a "-attic" suffix. By default, on Unix-like systems the directories are "-/.emacs.d/utils" and "-/.emacs.d/utils-attic". On Windows system the directories are located in your User directory, as controlled by Emacs. Also on Emacs 27.1 and later these directories can be located somewhere else. 		
Re-initialize PEL, activate the new PEL user-option, install packages newly requested	M-x pel-init	(pel-init &optional CACHED-ABBREV-FILE-NAME)	Re-initialize PEL. Download, install and configure any package requested by the various pel-use - user-options that have not yet been installed. • Does not remove anything. Use pel-cleanup for that. • The argument is not accessible interactively and exists for the initial Emacs startup only.
Show PEL user option and package info See also: <u>N Help/Info</u>	<f11> ? e ?</f11>	(pel-package-info &optional FULL-REPORT)	Display the following information in the echo area: • The number of PEL user-options, and the number of them that are active. • The number of Elpa packages active: the count of the ones directly installed because of active PEL user-options and the count of them installed as dependencies of the first group. • The number of Emacs Lisp files stored in the ~/.emacs.d/utils (or equivalent directory) as a result of PEL user options. • With optional argument, generates a full report with much more details in a *pel-user-options* report buffer. Any key prefix works. M <f11>? e ? for example.</f11>
Disable all packages not requested by PEL user-options and not identified as dependency or packages that must be kept. Update the load path and the customization file content.	M-x pel-cleanup	(pel-cleanup &optional DRY-RUN)	After prompting for a confirmation, de-activates all Elpa and non-Elpa packages that are not requested by a PEL user-option. The command keeps packages that are dependencies of packages required by PEL user-options and packages that PEL always requires. It also keeps packages that you have identified as manually installed in the following user options: • pel-elpa-packages-to-keep • pel-utils-packages-to-keep • For the current version of PEL when you install an Emacs package with the Emacs package system, PEL does not automatically add the package name in the pel-elpa-packages-to-keep user-option. If you want to keep that package and configure it yourself with your own Emacs Lisp code invoked by your init.el file, add the package symbol name to the list of pel-elpa-packages-to-keep otherwise pel-cleanup will move the package to the elpaattic.
Perform a dry-run of pel- cleanup.	M M-x pel-cleanup		Runs pel-cleanup in dry-mode and produce a detailed report of what pel-pel-cleanup would remove in a "pel-cleanup" buffer.

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
Input Completion Mode	The state of the s	· ·	M-x, C-x b, C-x C-f, <f1> o and many other commands. PEL supports</f1>
Selection	the following input completion and the following input completion and the following input completion are followed by the following input completion and the following input completion are followed by the following input completion and the following input completion are followed by the following input comple		
See also:	2. W Helm mode comple		I-use-helm to t.
• <u>∑ Completion/Input</u>	3. Ido mode completion : ideset pel-use-ido to t		
• <u>∑ Menus</u> • ∑ Navigation	4. V lvy mode completic		I-use-ivy to t
<u>// Havigation</u>	5. In the first section with Counsel mode: with Counsel mode: which section is used everywhere else (including all Helm specific to the first section with the first section is used everywhere else (including all Helm specific to the first section is used everywhere else (including all Helm specific to the first section is used for dealing with Files and buffers and Helm is used everywhere else (including all Helm specific to the first section is used for dealing with Files and buffers and Helm is used everywhere else (including all Helm specific to the first section is used for dealing with Files and buffers and Helm is used everywhere else (including all Helm specific to the first section is used for dealing with Files and buffers and Helm is used everywhere else (including all Helm specific to the first section is used for dealing with Files and buffers and Helm is used everywhere else (including all Helm specific to the first section is used for dealing with Files and buffers and Helm is used everywhere else (including all Helm specific to the first section is used for dealing with Files and buffers and the first section is used for the first section is u		
	commands).		
	 PEL also has commands that uses the iMenu system to list symbol defined in the current or all buffers. The behaviour and user interface or these commands can be modified and extended by several external packages and customization user-options: pel-imenu-follows-order-p user-option controls whether entries are sorted or follows the order of declaration in the file. imenu-external package activated by pel-use-flimenu user-option, controls whether iMenu lists are flatten or hierarchical. imenu-anywhere external package activated by pel-use-imenu-anywhere user-option is used by pel-goto-symbol-any-buffer 		
	following values:	,	following input completion method. The user-option must be set to one of the
		It: basic Emacs completion. Use ta -use-ido must be turned on.	b to see possible matches.
		quires <u>lvy mode</u> d pel-use-ivy m	nust be on.
	_	quires Helm mode 🛂 pel-use-hel	
		rnal package 🛂 activated by pel-u s	se-popup-imenu user-option, provides one pop-up menu for the iMenu
	content. • popup-switcher ex	ternal package 🛂 activated by pel	-use-popup-switcher user-option, provides the same as popup-imenu and
	more.		
	To customize the above, us		pup user options. It is also available via M-g <f4> <f2>.</f2></f4>
		customize the PEL iMenu user-opt	
	As soon as one of the extra cor	mpletion mode is activated via the o	corresponding pel-use- user option, PEL makes the following commands
		tion mode and to see which one is	
Select the completion mode	<f11> M-c <f4></f4></f11>	(pel-select-completion-mode)	Prompt user for completion mode to activate. The available modes depend on what is currently activated by customization. See the list above.
Show what completion mode is	<f11> M-c ?</f11>	(pel-show-active-completion-	Display the completion mode currently used.
currently used.		mode)	
Search Tools Selection	Emacs' default ISearch		mmand operates. PEL supports the following search tools:
See also:	• Manzu, ISearch with ma	= '	
∑ Search/Replace	Swiper search with ov	rerview match list : 🛂 set pel-us customize the PEL completion grou	
			earch tool is used when Emacs starts.
		arch tool is activated via the corresp ch tool and to see which one is curr	conding pel-use- user option, PEL makes the following commands available to rently active.
Show which search tool is	<f1> ? s</f1>	(pel-show-active-search-tool)	Display the currently used search tool.
currently used	45115	(not polest accept tool)	Downston of a second to although with G
Select search tool to use	<f11> s s</f11>	(pel-select-search-tool)	Prompt user for search tool to use with C-s . Show new active one.
	 Emacs normally maps the search-forward command to C-s. PEL provides the ability to activate the following tools that can be activated for searching: The Anzu external package activated by pel-use-anzu user option. Anzu provides a match count in the mode line when searching. The Swiper external package activated by pel-use-swiper user option. Swiper is not using isearch-forward; it shows a list of matching lines in the mini-buffer. Use the <f11> s <f2> command to open the PEL search customize group and set the pel-initial-search-tool user option to identify which tool is used when Emacs starts.</f2></f11> Being able to search using either Emacs default ISearch (see below) and Swiper helps as they are both very useful in different scenarios. 		
Customize PEL support	-	·	
Custoffize PEL support	The following commands opens the Emacs customization group related to a PEL topic. Most of these commands do not prompt; they open to customization buffer at the requested group.		
		· · · · · · · · · · · · · · · · · · ·	pen the customization groups related to the specific feature. ssion, execute M-x pel-init after you saving and applying the customized
	variable. For motion variables		spell automatic activation for specific major modes), you also need to restart
	Emacs.		
All PEL	<f11> <f2> P !</f2></f11>	(pel-cfg &optional OTHER-WINDOW)	 Customize PEL support. If OTHER-WINDOW is non-nil (use C-u), display in another window.
PEL base	<f11> <f2> p</f2></f11>	(pel-customize-pel-base- emacs-group &optional OTHER- WINDOW)	Customize basic PEL configuration: open the pel-base-emacs group. • If OTHER-WINDOW is non-nil (use C-u), display in another window.
Customize specific PEL group	The following key bindings almost all use the same PEL command: (pel-customize-pel & optional OTHER-WINDOW). The command detects the key sequence that invoked it to select the customization group to open. If there are more than one it prompts for the one to open. If a group is no loaded, PEL prompts for loading it.		
W Alian			a prefix argument (like C-u) is typed first.
∑ Align ▼ Auto Completion	<f11> t a <f2></f2></f11>	Customize PEL support for text all	<u> </u>
X Reckmarks	<f11> , <f2></f2></f11>	·	support: auto-complete, company and hippie-expand.
∑ Bookmarks	<f11> ' <f2></f2></f11>	Customize PEL support for bookn	
<u>∑ Buffers</u>	<f11> b <f2></f2></f11>	Customize PEL support for buffer	
<u>∑ Comments</u>	<f11> ; <f2></f2></f11>	Customize Emacs support for con	
∑ Cursor	<f11> m <f2></f2></f11>	Customize PEL support for cursor	and multiple-cursors.
∑ Filling/Justification	• <f11> t f <f2> • <f11> t j <f2></f2></f11></f2></f11>	Customize PEL support for:	
<u>∑ Diff & Merge</u>	<f11> d <f2></f2></f11>	Customize PEL support for diff: zt	ree.
<u>∑ Dired</u>	<f11> f <f2> 2</f2></f11>	Customize PEL support for dired,	directory editor.
<u>∑ Drawing</u>	<f11> D <f2></f2></f11>	Customize PEL drawing mode sup	oport.
∑ File-mngt	<f11> f <f2> 1</f2></f11>	Customize PEL support for file ma	nagement.
∑ File-mngt - dir. tree browser	<f11> B <f2></f2></f11>	Customize PEL support for director	
File-mngt - NeoTree	<f11> B N <f2></f2></f11>	Customize PEL support for NeoTre	<u>* </u>
			•

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
<u></u> Frames	<f11> F <f2></f2></f11>	Customize PEL frame management	nt support.
<u>∑ Grep</u>	<f11> g <f2></f2></f11>	Customize PEL grep support. Gro	pups: grep, ag, rg, ripgrep, wgrep.
∑ Help/Info	<f11> ? <f2></f2></f11>	Customize PEL help support.	
∑ Hide/Show	<f11> M-/ <f2></f2></f11>	Customize PEL support for comments: hide-cmnt, hide-lines.	
∑ Highlight	<f11> h <f2></f2></f11>	Customize PEL support for buffer highlight management: fill-column-indicator, vline, rainbow-delimiters.	
	<f11> <tab> <f2></f2></tab></f11>	Customize PEL support for:	
	<f11> i <f2></f2></f11>		port: lice, smart-dash, tempo, time-stamp, yasnippet
∑ Keyboard Macros	• <f11> k <f2></f2></f11>		cro external package support: centimacro, emacros, elmacro.
// Reyboard Macros	• <f11> k <12> • <f11> k e <f2> • <f11> k 1 <f2></f2></f11></f2></f11></f11>	Oustoffize the FEE Reyboard made	or external package support. Certifinatio, emacios, emacio.
<u> </u>	<f11> <f5> k <f2></f2></f5></f11>	Customize PEL Key Chord support	
Input Completion: Sompletion/Input	• <f11> M-c <f2> • M-g <f4> <f2></f2></f4></f2></f11>	Customize PEL Input Completion	support.
<u></u> Marking	<f11> . <f2></f2></f11>	Customize PEL Marking support.	
<u>∑ Menus</u> - iMenu	<f11> <f10> <f2></f2></f10></f11>	Customize PEL imenu support.	
<u> </u>	<f11> M-1 <f2></f2></f11>	Customize PEL mode line support	t
Navigation	<f11> <f2> P n</f2></f11>	(pel-cfg-pkg-navigation &optional OTHER-WINDOW)	Customize PEL and Emacs navigation tools support. Provides access to the following customization groups: 1. PEL project management 2. avy • If OTHER-WINDOW is non-nil (use C-u), display in another window.
<u> </u>	• <f11> <f2> P <f8></f8></f2></f11>	(pel-cfg-pkg-project-mng &optional OTHER-WINDOW)	Open the projectile customization group where you can modify projectiles configuration.
	• <f11> <f8> <f2> • <f8> <f2></f2></f8></f2></f8></f11>	(pel-customize-pel &optional OTHER-WINDOW)	 The key sequence <f11> <f2> P <f8> is always available, the others are only available when the projectile mode is activated.</f8></f2></f11> Available when the projectile external package is activated by PEL with the pel-use-projectile user option is non-nil.
<u>∑ Scrolling</u>	<f11> <f2></f2></f11>	Customize PEL Scrolling support.	
∑ Search/Replace	<f11> s <f2></f2></f11>	Customize PEL basic search supp	port.
Regular Expression Search/Replace	<f11> s x <f2></f2></f11>	Customize PEL regular expression tool support.	
∑ Sessions	<f11> S <f2></f2></f11>	Customize PEL Session support.	
<u></u> Shells	<f11> z <f2></f2></f11>	Customize PEL Shell support.	
<u></u> Speedbar	<f11> M-s <f2></f2></f11>	Customize PEL Speedbar support.	
∑ Spell Checking	<f11> \$ <f2></f2></f11>	Customize PEL support for: spell checking. Identify which major modes will automatically activate either flyspell-mode or flyspell-prog-mode.	
<u>∑ Xref</u> - cross reference	<f11> % <f2></f2></f11>	Customize PEL cross-reference support: ctags/etags/gtags	
<u>∑ Text Modes</u>	• <f11> t <f2> • <f11> t m <f2< td=""><td colspan="2">Customize PEL text management support.</td></f2<></f11></f2></f11>	Customize PEL text management support.	
∑ Undo/Redo/Repeat/Arg	<f11> u <f2></f2></f11>	Customize PEL undo support.	
<u>∑ vcs</u>	<f11> v <f2></f2></f11>	Customize PEL Version Control Sy	ystem support.
<u></u> Windows	<f11> w <f2></f2></f11>	Customize PEL Window support.	
Yasnippet - <u>Naserting Text</u>	<f11> y <f2></f2></f11>	Customize PEL Yasnippet text insertion support.	
Configure PEL Programming Language support	You should be able to control activation of important pack. The <f11> SPC key prefix The <f12> <f2> key is or group for the programming limbers. When you use the <f11> if the corresponding library is lo</f11></f2></f12></f11>	his the Emacs configuration group to configure PEL support for the specified programming language. Do most of the important features of the programming languages through these customizations including the sages as well as aspects of programming language styles like indentation style and width. Excess are available globally (for all buffers). In a variable when point is in a buffer for one of the languages supported by PEL and open the PEL customization language for the current buffer. SPC prefix, you can customize the Emacs language library support that might not even be loaded: PEL will detect coaded and will prompt you asking if you want to load it first, allowing Emacs to open the customization buffer. It to to compare the current session, execute M-x pel-init after you saving and applying the customized and re-start Emacs.	
AppleScript & text audio narration	<f11> SPC a <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Applescript support If OTHER-WINDOW is non-nil (u	ort. use C-u), display in another window.
<u>ұр (- С</u>	<f11> SPC c <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL C support. • If OTHER-WINDOW is non-nil (use C - u), display in another window.	
₿Ĩ - C++	<f11> SPC C <f2></f2></f11>	Customize PEL C++ support: cpp	
	<f12> <f2></f2></f12>		use C-u), display in another window.
<u> ұр - D</u>	<f11> SPC D <f2></f2></f11>	Customize PEL D support: d-mode. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f2></f2></f12>	` 	12
β ί- Lispy	<f11> <f2> SPC M-L</f2></f11>	(pel-cfg-pkg-lisp &optional OTHER-WINDOW)	Customize support for Lisp programming languages - A group that also contains the groups for Emacs Lisp and Common Lisp: lispy. • If OTHER-WINDOW is non-nil (use C-u), display in another window.
⊈भृ≀ - Emacs Lisp	<f11> SPC 1 <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Elisp support. • If OTHER-WINDOW is non-nil (u	use C-u), display in another window.
cmx =		Customiza BEL Eliza	laa hay
<u>≴</u> \$t - Emacs Lisp eldoc	<f11> SPC 1 ? <f2></f2></f11>	Customize PEL Elisp support: eld If OTHER-WINDOW is non-nil (юс-вох. use C-u), display in another window.
	<f12> <f2></f2></f12>		
^{βι} - Common Lisp	<f11> SPC L <f2></f2></f11>	Customize PEL Lisp support: lisp,	lispy.

	<u>Operation</u>	<u>Keystroke</u>	Function	Note
		<f12> <f2></f2></f12>	• II OTHER-WINDOW IS NON-NII (U	use C-u), display in another window.
	<u> pι - Elixir</u>	<f11> SPC x <f2></f2></f11>		
## 1-Forth Part Par		<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (u	use C-u), display in another window.
### Code ###	भ्रा - Erlang	<f11> SPC e <f2></f2></f11>		
10.0 10.0		<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (u	use C-u), display in another window.
Color Colo	Bι - Forth	<f11> SPC f <f2></f2></f11>		
Section Sect		<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (u	use C-u), display in another window.
Comment Comm	№1 - Go	<f11> SPC g <f2></f2></f11>		
Continue PEL Markup		<f12> <f2></f2></f12>	IT UTHEK-WINDOW IS non-nil (use C-u), display in another window.	
St. Aulia Sci	政 - Gleam	<f11> SPC M-G <f2></f2></f11>		
For		<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (u	use C-u), display in another window.
Cuttomize PEL Northern	政ι - Julia	<f11> SPC j <f2></f2></f11>		
## CITIES WINDOW is non-value c-but, deplay in another window. ## CITIES WINDOW is non-value c-but, deplay in another window.		<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (u	use C−u), display in another window.
El-Prime C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support python, python-fymales C113 x C22 Castornize PEL Python support C11	भ्रा - NetRexx	<f11> SPC N <f2></f2></f11>		···
## CONTENTION OF A CEAD ## CONTINUOUS in many in local C-all, display in arother window. ## CONTINUOUS in many in local C-all, display in arother window. ## CONTINUOUS in many in local C-all, display in arother window. ## CONTINUOUS in many in local C-all, display in arother window. ## CONTINUOUS in many in local continue PEL support for the societic manual plantage support of the societic local purport in the societic manual plantage support in the societic manual plantage in the current section, execute N = 1 peal = six that you serving and applying the customized all all plantages support in the societic manual plantage in the current section, execute N = 1 peal = six that you serving and applying the customized variable. Alternatively doze and re-start forms. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, display in another window. ## CONTINUOUS in many in gas c - 31, disp		<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (u	use C-u), display in another window.
### PERSONAL CELL STATE ### PERSONAL CELL	取ι - Python	<f11> SPC p <f2></f2></f11>	, , , , ,	, ,,,
Configure PEL Markup Support The following commands goess the Emissic supports and provided the configure PEL support for the specific markup language. The virial Set Very retire are available placeby for all buffers The following commands goess the Emissic supports and buffers The following commands goess the Emissic supports and buffers The virial Set Very and the provided by PEL and command the PEL outcommands of the current buffer. If the current buffer is the current buffer is not of the languages associated by PEL and command the PEL outcommands of the current buffer. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the customized variable. If the PEL And the provided are applying the provided are applying the customized variable. If the PEL And the provided are applying the provided are applying the customized variable. If the PEL And the provided are applying the provided are apply		<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (u	use C-u), display in another window.
Configure PEL Markup	政 - REXX	<f11> SPC R <f2></f2></f11>		
# The <f11> SPC Key prieva see available goodway for all bourney. * The <f12> <f12 <f12=""> <f12> <f12> <f12> <f12> <f12> <f12> <f12> <f12> <f12> <f12 <f12=""> <f12> <f12> <f12> <f12> <f12> <f12> <f12> <f12 <f12="" <f12<="" td=""><td></td><td><f12> <f2></f2></f12></td><td>If OTHER-WINDOW is non-nil (u</td><td>use C-u), display in another window.</td></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f12></f11>		<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (u	use C-u), display in another window.
**The £12> £22 key is only available when pank is in a buffer for one of the languages supported by PEL and open the PEL customization group for the minute politicage for the current or section H=x pel-tail tifter you sering and applying the customized variation. **A deviation any PEL customization change in the current section, execute H=x pel-tail tifter you sering and applying the customized variation. **A deviation any PEL customization change in the current section, execute H=x pel-tail tifter you sering and applying the customized variation. **A deviation of the customization change in the current section, execute H=x pel-tail tifter you sering and applying the customized variation. **A deviation of the customization change in the current section, execute H=x pel-tail tifter you sering and applying the customized variation. **A customize PEL PertifulMi. export. **C111> \$10 \text{ \$42>} \text{ \$42>} \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$42>} \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$42>} \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the customized PEL PertifulMi. export. **C111> \$10 \text{ \$420 billions of the cus	Configure PEL Markup			
agroup for the makup injudge for the current butler. A § To activate any PEL customization change in the current session, execute M-x pel-1=11 ± after you saving and applying the customized variable. A § To activate any PEL customization change in the current session, execute M-x pel-1=11 ± after you saving and applying the customized variable. Alternatively close and session from the current session, execute M-x pel-1=11 ± after you saving and applying the customized variable. Alternatively close and session from the current session, execute M-x pel-1=11 ± after you saving and applying the customized variable. Alternatively close and session from the current session, execute M-x pel-1=11 ± after you saving and applying the customized variable. Alternatively close and session from the current session, execute M-x pel-1=11 ± after you saving and applying the customized variable. Alternatively close and session from the current session, execute M-x pel-1=11 ± after you saving and applying the customized variable. Alternatively close and session from the current session, execute M-x pel-1=11 ± after you saving and applying the customized variable. Alternatively close and session from the current session, execute M-x pel-1=11 ± after you saving and applying the customized variable. Alternatively close and session and session and session of the current session of the current session. Alternatively close session and session a	support			
Variable All of Dacinates any PEL outstomization change in the current session, execute N=x pel-init after you saving and applying the outstomized variable. Alternatively close and result Emics.		group for the markup langua	ge for the current buffer.	
Variable Alternative Colors and metal to Flaces Clastomize PEL Graphint-Dot support			omization change in the current ses	ssion, execute M-x pel-init after you saving and applying the customized
Section Sect		-		ssion, execute M-x pel-init after you saving and applying the customized
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Customize Septiment		<f12> <f2></f2></f12>		
Customize September Customize September Customize September Sept	M Markdown	<f11> SPC M-m <f2></f2></f11>		
Section Sect		<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (u	use C−u), display in another window.
Section Sect	M Outline/Org-Mode	<f11> SPC M-o <f2></f2></f11>		
Customize Specific PEL provides several key bindings to open customization groups of Emacs Bullt-in or external package. PEL with prompt you to load their specific life if they are not loaded. Most of the key bindings are mapped into the PEL key profixes as the xf33 key member. For example to open auto-completion related groups you can use the xf112 / xf32 key squemen. These are not listed there. PEL does not provide key profixes for all Emacs concepts. It provides, however some key bindings to access the customization buffer for some of those. They are listed just below, here:		<f12> <f2></f2></f12>		
Customize Specific	M reStructuredText	<f11> SPC M-r <f2></f2></f11>		
PEL will prompt you to load their specific file if they are not loaded. Nost of the key bindings are mapped into the PEL key prefixes as the <53> key member. For example to open auto-completion related groups you can use the <511> , <52> key sequence. These are not listed here. Permanently change the cursor's color see also: ∑ Cursor See also: ∑ Cursor Cost		<f12> <f2></f2></f12>	• If OTHER-WINDOW is non-nil (use c-u), display in another window.	
Most of the key bindings are mapped into the PEL key prefixes as the <f33 **carpinal="" **drowse-url="" **in="" **pel="" <f113="" <f2="" access="" all="" are="" auto-completion="" below,="" bindings="" buffer="" can="" concepts.="" customization="" does="" emacs="" example="" for="" groups="" here.="" here:="" however="" in="" instead="" it="" just="" key="" listed="" not="" of="" open="" other-window)**="" other-window)**<="" prefixes="" provide="" provides,="" related="" remember.="" sequence="" sequence.="" some="" td="" the="" these="" they="" those.="" to="" use="" x="" xey="" you=""><td>-</td><td colspan="3"></td></f33>	-			
PEL does not provide key prefixes for all Emacs concepts. It provides, however some key bindings to access the customization buffer for some of those. They are listed just below, here:	Emacs Groups.	Most of the key bindings are	mapped into the PEL key prefixes a	as the <f3> key member. For example to open auto-completion related groups</f3>
Permanently change the cursor's color See also: ∑ Cursor Couloge Cursor Curs				
eursor's color See also: ∑ Cursor Coste Customize Customiz		of those. They are listed just		
Customize Cust		<f11> <f2> E C-c</f2></f11>		
man				
man	locate	<f11> <f2> E 1</f2></f11>		Customize locate. With C-u , display in another window.
browse-url <pre>cf11> <f2> E u</f2></pre>	man	<f11> <f2> E m</f2></f11>	,	Customize man. With C-u , display in another window.
webjump <pre></pre>			ÖTHER-WINDOW)	
woman	browse-url	<f11> <f2> E u</f2></f11>		Customize browse-url. With C-u , display in another window.
woman Customize Emacs The following key bindings almost all use the same PEL command: (pel-customize-library & optional OTHER-WINDOW). The command detects the key sequence that invoked it to select the customization group to open. If there are more than one it prompts for the one to open. If a group is not loaded, PEL prompts for loading it. If the related package is not installed PEL print a warning message. - For external packages you can use the same key sequence except for the last key: replace <f3> by <f2>: that sequence will open the PEL configuration buffer for the same topic. From that you will find the PEL option variable to activate the external package. - All of these commands open the buffer inside another window if a prefix argument (like C−u) is typed first. </f2></f3>	webjump	<f11> <f2> E j</f2></f11>		Customize webjump. With C-u , display in another window.
The following key bindings almost all use the same PEL command: (pel-customize-library & optional OTHER-WINDOW). The command detects the key sequence that invoked it to select the customization group to open. If there are more than one it prompts for the one to open. If a group is not loaded, PEL prompts for loading it. If the related package is not installed PEL print a warning message. • For external packages you can use the same key sequence except for the last key: replace <f3> by <f2>: that sequence will open the PEL configuration buffer for the same topic. From that you will find the PEL option variable to activate the external package. • All of these commands open the buffer inside another window if a prefix argument (like C−u) is typed first. ➤ Align ✓ f11> t a <f3> Customize Emacs text alignment support: open the align group. ➤ Auto-Completion ➤ Bookmarks ✓ f11> ' <f3> Customize Emacs auto-completion support: auto-complete, company and hippie-expand. ➤ Customize Emacs bookmark group which includes: bookmark and bm. ➤ Buffers ✓ f11> b <f3> Customize Emacs support for buffer management: Buffer-menu, buffer, minibuffer, hexl, nhexl. ➤ Comments ✓ customize Emacs support for comments: comment, hideshow. Customize Emacs support for comments: comment, hideshow. Customize Emacs support for comments: comment, hideshow. Find Completion: ➤ Hide/Show ✓ f11> <f5> P M−c Customize Emacs support for comments: comment, hideshow. Customize Emacs support for comments: comment, hideshow. Find Completion: ➤ Completion: ➤ Completion: ➤ Completion Support: helm, ido, ivy, counsel Find Chercy Pg-completion ➤ Customize Emacs Input Completion support: helm, ido, ivy, counsel Find Chercy Pg-completion ➤ Completion/Input Customize Emacs Input Completion support: helm, ido, ivy, counsel Find Chercy Pg-completion ► If OTHER-WINDOW is non-nil (use C-u), display in other window.</f5></f3></f3></f3></f2></f3>	woman	<f11> <f2> E w</f2></f11>	(pel-cfge-woman &optional	Customize woman. With C-u , display in another window.
the key sequence that invoked it to select the customization group to open. If there are more than one it prompts for the one to open. If a group is not loaded, PEL prompts for loading it. If the related package is not installed PEL print a warning message. • For external packages you can use the same key sequence except for the last key: replace <f3> by <f2>: that sequence will open the PEL configuration buffer for the same topic. From that you will find the PEL option variable to activate the external package. • All of these commands open the buffer inside another window if a prefix argument (like C-u) is typed first. E Align Sample</f2></f3>	Customine France	The following key hindings alm		' (nel-customize-library &ontional OTHER-WINDOW). The command detects
For external packages you can use the same key sequence except for the last key: replace <f3> by <f2>: that sequence will open the PEL configuration buffer for the same topic. From that you will find the PEL option variable to activate the external package. All of these commands open the buffer inside another window if a prefix argument (like C-u) is typed first. Align</f2></f3>		the key sequence that invoked	it to select the customization group	to open. If there are more than one it prompts for the one to open. If a group is
Align Align Align Align Align Align Alto-Completion Auto-Completion Align Alto-Completion Align Alto-Completion Align Alto-Completion Align Alto-Completion Align Alto-Completion Align Alto-Completion Align		For external packages you c	an use the same key sequence exce	ept for the last key: replace <f3> by <f2>: that sequence will open the PEL</f2></f3>
∑ Align <f11> t a <f3> Customize Emacs text alignment support: open the align group. ∑ Auto-Completion <f11> , <f3> Customize Emacs auto-completion support: auto-complete, company and hippie-expand. ∑ Bookmarks <f11> ' <f3> Customize Emacs bookmark group which includes: bookmark and bm. ∑ Buffers <f11> b <f3> Customize Emacs support for buffer management: Buffer-menu, buffer, minibuffer, hexl, nhexl. ∑ Comments <f11> ; <f3> Customize Emacs support for comments: comment, hideshow. Customization Control <f11> <f2> <f3> Customize Emacs customization control. ∑ Hide/Show <f11> M-/ <f3> Customize Emacs support for comments: comment, hideshow. Input Completion: <f11> <f2> P M-c (pel-cfg-pkg-completion & DTHER-WINDOW) Customize Emacs Input Completion support: helm, ido, ivy, counsel & If OTHER-WINDOW is non-nil (use C-u), display in other window.</f2></f11></f3></f11></f3></f2></f11></f3></f11></f3></f11></f3></f11></f3></f11></f3></f11>				
∑ Auto-Completion <f11> , <f3> Customize Emacs auto-completion support: auto-complete, company and hippie-expand. ∑ Bookmarks <f11> ' <f3> Customize Emacs bookmark group which includes: bookmark and bm. ∑ Buffers <f11> b <f3> Customize Emacs support for buffer management: Buffer-menu, buffer, minibuffer, hexl, nhexl. ∑ Comments <f11> ; <f3> Customize Emacs support for comments: comment, hideshow. Customization Control <f11> <f2> <f3> Customize Emacs customization control. ∑ Hide/Show <f11> M-/ <f3> Customize Emacs support for comments: comment, hideshow. Input Completion: <f11> <f2> P M-c (pel-cfg-pkg-completion & Customize Emacs Input Completion support: helm, ido, ivy, counsel & If OTHER-WINDOW is non-nil (use C-u), display in other window.</f2></f11></f3></f11></f3></f2></f11></f3></f11></f3></f11></f3></f11></f3></f11>	∑ Align			
∑ Bookmarks <f11> '<f3> Customize Emacs bookmark group which includes: bookmark and bm. ∑ Buffers <f11> b <f3> Customize Emacs support for buffer management: Buffer-menu, buffer, minibuffer, hexl, nhexl. ∑ Comments <f11> ;<f3> Customize Emacs support for comments: comment, hideshow. Customization Control <f11> <f2> <f3> Customize Emacs customization control. ∑ Hide/Show <f11> M-/ <f3> Customize Emacs support for comments: comment, hideshow. Input Completion: <f11> <f2> P M-c (pel-cfg-pkg-completion & Customize Emacs Input Completion support: helm, ido, ivy, counsel & If OTHER-WINDOW is non-nil (use C-u), display in other window.</f2></f11></f3></f11></f3></f2></f11></f3></f11></f3></f11></f3></f11>		<f11> , <f3></f3></f11>		
∑ Buffers <f11> b <f3> Customize Emacs support for buffer management: Buffer-menu, buffer, minibuffer, hexl, nhexl. ∑ Comments <f11> ; <f3> Customize Emacs support for comments: comment, hideshow. Customization Control <f11> <f2> <f3> Customize Emacs customization control. ∑ Hide/Show <f11> M-/ <f3> Customize Emacs support for comments: comment, hideshow. Input Completion: <f11> <f2> P M-c (pel-cfg-pkg-completion & optional OTHER-WINDOW) Customize Emacs Input Completion support: helm, ido, ivy, counsel • If OTHER-WINDOW is non-nil (use C-u), display in other window.</f2></f11></f3></f11></f3></f2></f11></f3></f11></f3></f11>				
∑ Comments <f11> ; <f3> Customize Emacs support for comments: comment, hideshow. Customization Control <f11> <f2> <f3> Customize Emacs customization control. ∑ Hide/Show <f11> M-/ <f3> Customize Emacs support for comments: comment, hideshow. Input Completion: <f11> <f2> P M-c (pel-cfg-pkg-completion & customize Emacs Input Completion support: helm, ido, ivy, counsel & optional OTHER-WINDOW) • If OTHER-WINDOW is non-nil (use C-u), display in other window.</f2></f11></f3></f11></f3></f2></f11></f3></f11>		<f11> b <f3></f3></f11>		<u>'</u>
Customization Control <f11> <f2> <f3> Customize Emacs customization control. ∑ Hide/Show <f11> M−/ <f3> Customize Emacs support for comments: comment, hideshow. Input Completion: ∑ Completion/Input Customize Emacs support for comments: comment, hideshow. ∑ Completion/Input Customize Emacs Input Completion support: helm, ido, ivy, counsel ∑ Completion/Input If OTHER-WINDOW is non-nil (use C-u), display in other window.</f3></f11></f3></f2></f11>		<f11> ; <f3></f3></f11>	Customize Emacs support for com	nments: comment, hideshow.
Input Completion: Soptional OTHER-WINDOW) Customize Emacs Input Completion support: helm, ido, ivy, counsel Customize Emacs Input Completion support: helm, ido, ivy, counsel • If OTHER-WINDOW is non-nil (use C−u), display in other window.	Customization Control	<f11> <f2> <f3></f3></f2></f11>	Customize Emacs customization of	control.
<u>Soptional OTHER-WINDOW</u> • If OTHER-WINDOW is non-nil (use C−u), display in other window.	<u></u> Hide/Show	<f11> M-/ <f3></f3></f11>	Customize Emacs support for con	nments: comment, hideshow.
		<f11> <f2> P M-c</f2></f11>	(pel-cfg-pkg-completion Customize Emacs Input Completion support: helm, ido, ivy, counsel	
Cursor Customize Emacs support for cursor and multiple-cursors.			,	
5	<u>» Cursor</u>	<f11> m <f3></f3></f11>		sor and multiple-cursors.

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
<u>∑ Diff & Merge</u> - ediff	<f11> d e <f3></f3></f11>	Customize Emacs ediff.	
<u>> Dired</u>	<f11> f <f3> 2</f3></f11>	Customize Emacs support for dire	d, directory editor. Other choices are available for neotree and ztree.
<u> ∑ Enriched Text</u>	<f11> t e <f3></f3></f11>	Customize Emacs Enriched Text support.	
<u></u> File-mngt	<f11> f <f3> 1</f3></f11>	Customize Emacs support for file management.	
∑ File-mngt - auto-revert	<f11> f r <f3></f3></f11>	Customize Emacs support for file automatic revert management.	
File-mngt - ffap	<f11> f a <f3></f3></f11>	Customize Emacs support for management of ffap (find file at point).	
> File-mngt - dir. tree browser	<f11> B <f3></f3></f11>	Customize directory tree browser	s: treemacs: ztree
∑ File-mngt - NeoTree	<f11> B N <f3></f3></f11>	Customize NeoTree directory brow	·
> Filling/Justification	• <f11> t f <f3></f3></f11>	Customize Emacs fill and justificat	
<u>// · · · · · · · · · · · · · · · · · · </u>	• <f11> t j <f3></f3></f11>	,	
<u>∑ Frames</u>	<f11> F <f3></f3></f11>	Customize Emacs frame manager	nent support.
<u></u> Grep	<f11> g <f3></f3></f11>	Customize Emacs grep support.	Groups: grep, ag, rg, ripgrep, wgrep.
<u>∑ Help/Info</u>	<f11> ? <f3></f3></f11>	Customize Emacs help support. (Groups: command-log, helpful.
<u></u> Highlight	<f11> h <f3></f3></f11>	Customize Emacs support for buff column-indicator (for Emacs version)	fer highlight management: auto-highlight, edit, rainbow-delimited, line, fill- on earlier than 27.1)
<u>∑ Indentation</u>	<f11> <tab> <f3></f3></tab></f11>	Customize Emacs indentation. Op	pens the indent customization group.
<u>∑ Inserting Text</u>	<f11> i <f3></f3></f11>	Customize Emacs text insertion s	upport: lice, smart-dash, tempo, time-stamp, yasnippet
∑ Keyboard Macros	<f11> k <f3></f3></f11>	Customize the Emacs keyboard m	nacro external package support: kmacro, centimacro.
<u>∑ Keyboard Macros</u>	<f11> k e <f3></f3></f11>	Customize the Emacs keyboard m	nacro external package support: emacros.
<u>∑ Keyboard Macros</u>	<f11> k 1 <f3></f3></f11>	Customize the Emacs keyboard m	nacro external package support: elmacro.
<u></u> Key-Chords	<f11> <f5> k <f3></f3></f5></f11>	Customize Emacs support for: key	r-chord
Line Mngt: <u>Display - Lines</u>	<f11> 1 <f3></f3></f11>	Customize Emacs support for visu	aal-line.
<u></u> Marking	<f11> . <f3></f3></f11>	Customize Emacs Marking suppo	rt.
<u> Menus</u> - iMenu	<f11> <f10> <f3></f3></f10></f11>	Customize Emacs menu mechanis	sms.
<u> Mode Line</u>	<f11> M-1 <f3></f3></f11>	Customize Emacs mode line supp	ort: mode-line
∑ Navigation	<f11> <f2> P n 2</f2></f11>	(pel-cfg-pkg-navigation &optional OTHER-WINDOW)	Customize Emacs navigation tools support: avy. • If OTHER-WINDOW is non-nil (use C-u), display in another window.
<u>∑ Projectile</u>	• <f11> <f8> <f3> • <f8> <f3></f3></f8></f3></f8></f11>	(pel-customize-projectile)	Open the projectile customization group where you can modify projectiles configuration.
	• Key sequence <f8> <f2> Available when the projection</f2></f8>	Key sequence <f11> <f8> <f3> is available if pel-use-projectile is t. Key sequence <f8> <f2> is available when the projectile mode is on. Available when the projectile external package is activated by PEL with the pel-use-projectile user option is non-nil.</f2></f8></f3></f8></f11>	
Regular Expression ∑ Search/Replace	<f11> s x <f3></f3></f11>	Customize Emacs regular expression support: rxt, re-builder, visual-regex.	
∑ Scrolling	<f11> <f3></f3></f11>	Customize Emacs Scrolling support	ort groups: follow, smooth-scrolling.
∑ Search/Replace	<f11> s <f3></f3></f11>	Customize Emacs Search support	:: search, anzu, swiper, iedit.
<u>∑ Sessions</u>	<f11> S <f3></f3></f11>	Customize Emacs Session suppor	rt: desktop.
<u>∑ Shells</u>	<f11> z <f3></f3></f11>	Customize Emacs Shells support	groups: term, terminals, vterm.
<u>∑ Speedbar</u>	<f11> M-s <f3></f3></f11>	Customize Emacs Speedbar supp	ort.
<u>∑ Spell Checking</u>	<f11> \$ <f3></f3></f11>	Customize Emacs spelling suppor	t. Opens the following customization groups: ispell, flyspell.
∑ Xref - cross reference	<f11> % <f3></f3></f11>	Customize Emacs cross-reference	e support: ctags/etags/gtags
<u>∑ Text Modes</u>	<f11> t m <f3></f3></f11>	Customize Emacs text mode grou	p: glasses
Text <u>National Whitespace</u>	<f11> t w <f3></f3></f11>	Customize Emacs handling of whi	tespaces.
<u>∑ VCS</u>	<f11> v <f3></f3></f11>	Customize Emacs Version Control	System support: vc, vc-hg, vc-git, magit, monky.
∑ Undo/Redo/Repeat/Arg	<f11> u <f3></f3></f11>	Customize Emacs undo support: undo, undo-tree.	
<u></u> <u>Windows</u>	<f11> w <f3></f3></f11>	Customize Emacs Window support groups: windows, ace-window, ace-window-display, winner, windmove.	
Yasnippet <u>∑ Inserting Text</u>	<f11> y <f3></f3></f11>	Customize Yasnippet groups: yasnippet, yasnippet-snippets, yas-minor	
Configure Emacs			configure Emacs support for the specified programming language.
Programming Language support	 The <f11> SPC key prefixes are available globally (for all buffers).</f11> The <f12> <f3> key is only available when point is in a buffer for one of the languages supported by PEL and open the Emacs customization group for the programming language for the current buffer.</f3></f12> When you use the <f11> SPC prefix, you can customize the Emacs language library support that might not even be loaded: PEL will detect if the corresponding library is loaded and will prompt you asking if you want to load it first, allowing Emacs to open the customization buffer.</f11> 		
AppleScript & text audio narration	<f11> SPC a <f3> <f3></f3></f3></f11>	Customize Emacs Applescript support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
<u> Вт - С</u>	<f11> SPC c <f3></f3></f11>	Customize Emacs C support. • If OTHER-WINDOW is non-nil (u	use C-u), display in another window.
	<f12> <f3></f3></f12>	,	
<u>₩ι - C++</u>	<f11> SPC C <f3></f3></f11>	Customize Emacs C++ support: c • If OTHER-WINDOW is non-nil (u	pp. use C-u), display in another window.
	<f12> <f3></f3></f12>	,	
<u>₩ι - D</u>	<f11> SPC D <f3></f3></f11>	Customize Emacs D support: d-m • If OTHER-WINDOW is non-nil (u	ode. use C-u), display in another window.
	<f12> <f3></f3></f12>	,	, , ,
ฐ璵t - Emacs Lisp	<f11> SPC 1 <f3></f3></f11>		checkdoc, editing-basics, elint, eldoc, eros, lisp, lispy, suggest. use C-u), display in another window.
	<f12> <f3></f3></f12>		

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
<u>≭भ्रा - Emacs Lisp</u> eldoc	<f11> SPC 1 ? <f3></f3></f11>	Customize PEL Elisp support: eldoc, eldoc-box. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f3></f3></f12>		
<u> P</u> ι - Common Lisp	<f11> SPC L <f3></f3></f11>	Customize Emacs Lisp support: lis	
	<f12> <f3></f3></f12>	IT OTHER-WINDOW IS NON-NII (U	se C-u), display in another window.
<u> Pl - Elixir</u>	<f11> SPC x <f3></f3></f11>	Customize Emacs Elixir support: a	
	<f12> <f3></f3></f12>	IT OTHER-WINDOW IS NON-NII (U	se C-u), display in another window.
βt - Erlang	<f11> SPC e <f3></f3></f11>		erlang, erldoc, edts, auto-highlight-symbol.
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.	se C-u), display in another window.
Bι - Forth	<f11> SPC f <f3></f3></f11>	Customize Emacs Forth support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	_ \
	<f12> <f3></f3></f12>		se C-u), display in another window.
<u> 1</u> βι - Go	<f11> SPC g <f3></f3></f11>	Customize Emacs Go support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f2></f2></f12>		se c-u), display in another window.
Bt - Julia	<f11> SPC j <f3></f3></f11>	Customize Emacs Julia support: julia, julia-mode, julia-snail. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f3></f3></f12>		se C-u), display in another window.
Bι - Make	<f11> SPC M <f3></f3></f11>	Customize Emacs makefile support: makefile. • If OTHER-WINDOW is non-nil (use C - u), display in another window.	
	<f12> <f3></f3></f12>		se C-u), display in another window.
10 - NetRexx 11 - NetRexx	<f11> SPC N <f3></f3></f11>	Customize Emacs NetRexx suppo	
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.	se C-u), display in another window.

乳I - Python	<f11> SPC p <f3></f3></f11>	Customize Emacs Python support: python, python-flymake.		
	<f12> <f3></f3></f12>	• If OTHER-WINDOW is non-nil (use C - u), display in another window.		
BΙ - REXX	<f11> SPC R <f3></f3></f11>	Customize Emacs REXX support.		
	<f12> <f3></f3></f12>	f OTHER-WINDOW is non-nil (use C-u), display in another window.		
Configure PEL Markup support	The following commands opens the Emacs customization group related to configure Emacs support for the specific markup language. • The <f11> SPC key prefixes are available globally (for all buffers). • The <f12> <f3> key is only available when point is in a buffer for one of the languages supported by PEL and open the Emacs customizar group for the markup language for the current buffer. When you use the <f11> SPC prefix, you can customize the Emacs language library support that might not even be loaded: PEL will determine the corresponding library is loaded and will prompt you asking if you want to load it first, allowing Emacs to open the customization buffer.</f11></f3></f12></f11>			
M Graphviz Dot	<f11> SPC M-g <f3></f3></f11>	Customize Emacs Graphviz-Dot support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
	<f12> <f3></f3></f12>			
<u></u> <u> </u>	• <f11> D u <f3> • <f11> SPC M-u <f3> • If OTHER-WINDOW is non-nil (use C-u), display in another window.</f3></f11></f3></f11>			
<f12> <f3></f3></f12>				
M Markdown	<f11> SPC M-m <f3> Customize Markdown and markdown extension package support.</f3></f11>			
	<f12> <f3></f3></f12>	• If OTHER-WINDOW is non-nil (use C-u), display in another window.		
M Outline/Org-Mode	<f11> SPC M-o <f3></f3></f11>	Customize Org Mode external packages support: • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
M reStructuredText	<f11> SPC M-r <f3></f3></f11>	Customize Emacs reStructuredText support.		
	<f12> <f3></f3></f12>	• If OTHER-WINDOW is non-nil (use C - u), display in another window.		