Customizing Emacs with PEL

Via Easy Customization Open this PDF file. See also: ▼ Help/Info Customize Emacs Customization control	stem. is table shows how to quickly g iffers that operate in the Custom The first section shows navigati The later sections show comma EL - Configuration through Cu PEL provides a growing set of c The "pel-use-" activation us only when you need them. T Once a package or feature is	ain access to the customized data nize mode with special key bindings on commands available inside a buands that you can use to open buffer stomization customization groups and user optimer options identify what built-in or earlies way your Emacs will start quick activated with the "pel-use-" user	If having to write Emacs Lisp code, you use Emacs easy-to-use customization using commands that open buffers that show the customized data inside is to speed up operation in that mode. Iffer that shows customized data (also called user options). Iffer that shows customized data (also called user options). Iffer that shows customized data (also called user options). Iffer that shows customized data (also called user options). Iffer that shows customized data (also called user options). If even in Customization Mode to manage user options of interest. In variables that control several aspects of Emacs: In variables that control several aspects of Emacs:	
via Easy Customization Open this PDF file. See also: ∑ Help/Info Customize Emacs Customization control	stem. is table shows how to quickly guffers that operate in the Custom The first section shows navigati The later sections show commatter sections show the section show a growing set of a section s	ain access to the customized data nize mode with special key bindings on commands available inside a buands that you can use to open buffer stomization groups and user options identify what built-in or expression of the command of the customization groups and user options identify what built-in or expression identify what built-in or expression identify what built-in or expression identifies a cativated with the "pel-use-" user onfiguration, execute M-x pel-i (pel-help-pdf & optional OPEN-WEB-PAGE)	using commands that open buffers that show the customized data inside is to speed up operation in that mode. Uffer that shows customized data (also called user options). Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of interest. Users in Customization Mode to manage user options of	
Open this PDF file. See also: <u>Nelp/Info</u> Customize Emacs Customization control	PEL provides a growing set of c The "pel-use-" activation us only when you need them. T Once a package or feature is Once you have modified the c f11> <f2> <f1> f12> <f1> f11> <f2> <f3></f3></f2></f1></f1></f2>	customization groups and user options identify what built-in or eithis way your Emacs will start quick activated with the "pel-use-" user onfiguration, execute M-x pel-i (pel-help-pdf & optional OPEN-WEB-PAGE)	external Emacs Lisp package to use. PEL has logic to autoload the packages ally even if you have identified a large number of packages. option, the other options control different behaviour of the activated package. **nit.** PEL will activate the new configuration. Open the **\subseteq** Customize** local PDF. If the prefix argument (like C-u or M) is used, then it opens the remote GitHub hosted raw PDF instead. If the pel	
See also: <u>Nelp/Info</u> <id><1 Customize Emacs Customization control <id><1 Customization control </id></id>	f12> <f1> f11> <f2> <f3></f3></f2></f1>	WEB-PAGE)	is used, then it opens the remote GitHub hosted raw PDF instead. If the pel	
Customize Emacs Customization control	f11> <f2> <f3></f3></f2>	(nol oustomize library		
_	f12> <f3></f3>	&optional OTHER-WINDOW)	Customize Emacs Customization: select how things are displayed, hooks, location of the custom file, etc	
Customization Data By			 PEL controls the location of the custom file in the init.el. See the <u>pel/example/init/init.el</u> file. With PEL if you change it, change in the init.el file, the value will show in the customization buffer. If OTHER-WINDOW is non-nil (use C-u), display in another window. 	
	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 separate file, allowing dynamic selection of several files and storage into VCS independent from the init.el logic. • By default, PEL stories it inside the file ~/.emacs.d/emacs-customization.el. • Normally Emacs makes no distinction between running in terminal mode or graphics mode as far as customization file and external packages			
See also: ▶ <u>∑ Fast Startup</u> ▶ PEL user-manual	 are concerned. PEL supports the ability to use two different sets of customization files and Elpa package directories: one for Emacs running in terminal/TTY mode, another for Emacs running in graphic mode. This feature is disabled by default. You can activate it using the pel-setup-dual-environment command which sets up all files and directories for it. Type <f11> <f2> ? to see what is the current setup.</f2></f11> Type <f11> <f2> M-d to activate the use of the dual environment using 2 independent customization files and package directories.</f2></f11> 			
	 When using PEL, you must place PEL-specific code inside your init.el file and inside your early-init.el file (used in Emacs ≥ 27). PEL installation instruction describe these. To take full advantage of PEL features, your init.el file should contain the code described in the example/init/init-5.el. And for Emacs ≥ 27, your early-init.el should use the code described in the example/init/early-init.el. 			
	 PEL will automatically create and install an early-init.el file when you activate package-quickstart with the command pel-setup-with-quickstart. PEL copies the early-init.el identified by the pel-early-init-file-template user-option. The default is example/init/early-init.el. If you want to add logic to your early-init file, then create a file that contains the logic of example-init/early-init.el, add your own logic and identify your file inside the user-option. Both init.el and early-init.el templates contain a a User Configuration section that requires manual editing. Once these files are in place, please edit the files to verify if the default values of variables in the User Configuration reflect your needs 			
	 Once these files are in place, please edit the files to verify if the default values of variables in the oser Configuration reflect your needs and change them otherwise. PEL setup commands listed in this section verify the validity of the init.el and early-init.el (if used) and will report any detected problems. These files have identified versions. As PEL code evolves if modifications are required to these files PEL will report the required changes 			
	<f11> ? e <f2> <f11> <f2> ?</f2></f11></f2></f11>	(pel-setup-info-dual- environment)	Display current PEL customization setup. • Check two independent customization files for terminal/tty and graphics	
	f12> ?	,	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.	
customization for Emacs in	F11> <f2> M-d F12> M-d</f2>	(pel-setup-dual-environment)	Setup Emacs environment to support 2 independent customization. • Prompts before proceeding.	
th wr •	Normally Emacs makes no distinction between those and uses the exact same set of customization files and Elpa packages for Emacs of those two different modes. If you want to manage the customization and packages used when Emacs operates in terminal/TTY mode or 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 a			
	,	•	w OK it will say so, or if all was already ok, it will also say so. stomize-mode showing the various user options you got access to using the	
Move to Avy/Ace target	mmands described in the section	(ace-link-custom)	Highlight each target with an Avy/Ace single or double letter target.	
See also: <u>Navigation</u>		(ace-line-custom)	 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. 	
Apply customization changes C-	-c C-c	(Custom-set &rest IGNORE)	Set the current value of all edited settings in the buffer.	
Apply and Save customization C-changes	-x C-s	(Custom-save &rest IGNORE)	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 mere edited before, this sets it then saves it.	
Quit Customization and close quiffer		(Custom-buffer-done &rest IGNORE)	Exit current Custom buffer according to 'custom-buffer-done-kill'.	
do	own to a single options and any	can be collapsed. Note that PEL's	rarchy inside a *Customize Browser* buffer. Each node can we expanded customization groups and options are all always available contrary to the on ontains only what is currently loaded and the PEL one is always loaded.	
lata tree from root: Emacs	F11> <f2> B F12> B</f2>	(customize-browse &optional GROUP)	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.	
Browse customize data tree <	f11> <f2> b</f2>	(pel-browse-group GROUP)	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.	
from specified group	F12> b	,	Prompts for a group name. Supports tab completion. All PEL groups have a name that starts with "pel-".	
•	The pel-customize-library	commands available as the <f3> I prompt you for loading it, giving you</f3>	data from unloaded files is not be accessible. All PEL data is always loaded key of PEL key prefixes does not suffer from this problem: it will detect that ou access to the customization buffer when you need it. The information is	

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
Browse PEL customize data	<f11> <f2> P B</f2></f11>	(pel-customize-browse)	Open the customize tree bowser for the entire PEL customization data (which
tree	<f12> P B</f12>		is under Emacs/Convenience.
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.</f2></f11></tab>		
	group, first load the package vi • Vote however that the PEL of	a one of its command that is auto-l commands that open customization load the related library to enable ac	own to Emacs and no buffer will be opened for it. To see the customization loaded or load it explicitly. In groups attempt to identify the library where the customization group is excess to the customization group. The groups accessible via the PEL
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
	<f12> g</f12>		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.
	<f12> o</f12>		⚠ 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.
Set and store new value for user-option	<f11> <f2> v</f2></f11>	(customize-save-variable VARIABLE VALUE &optional COMMENT)	Set the default for VARIABLE to VALUE, and save it for future sessions in the customize file. Prompts for the user-option name, supporting tab completion. Propose values controlled by customization selections.
	<f12> v</f12>		 As opposed to the commands above this does not open a customization buffer. Use this to quickly change a PEL pel-use- user-option if you know its documentation and do not want to open a customization buffer.
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 packages are stored. If the directory identified by package-user-uff or if the lepa 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 directorie can be located somewhere else. The customization file (described in a section above) should be located in the same user-emacs-directory. 		
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	<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.
See also: <u>∑ Help/Info</u>			 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>?</f11> e ? for example.
Disable all packages not requested by PEL user-options and not identified as dependency or packages that must be kept.	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
Update the load path and the customization file content.			• pel-utils-packages-to-keep A 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 elpa-attic.
Perform a dry-run of pel- cleanup. Generate a detailed report.	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	PEL supports several input comp		-x, C-x b, C-x C-f, <f1> o and many other commands. PEL supports</f1>		
Selection	Emacs' default tab completion				
See also:	2. We Helm mode completion : Let set pel-use-helm to t.				
• <u>∑ Completion/Input</u>	3. Ido mode completion : described to t				
• <u>▼ Menus</u> • ▼ Navigation	4.				
	 b.				
	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. 				
		 pel-imenu-follows-order-p user-option controls whether entries are sorted or follows the order of declaration in the file. imenue 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 to 			
	jump to symbol definition		ving input completion method. The user-option must be set to one of the		
	following values: • Use emacs-default:	basic Emacs completion. Use tab t	to see possible matches.		
		se-ido must be turned on.			
		ires <u>Ivy mode</u> de pel-use-ivy mus			
		ires Helm mode de pel-use-helm	must be turned on. -popup-imenu user-option, provides one pop-up menu for the iMenu content.		
			se-popup-switcher user-option, provides the same as popup-imenu and		
	more.				
		ustomize the PEL completion group ustomize the PEL iMenu user-option	user options. It is also available via M-g <f4> <f2>.</f2></f4>		
		·	responding pel-use- user option, PEL makes the following commands		
		n mode and to see which one is cu			
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 currently used.	<f11> M-c ?</f11>	(pel-show-active-completion-mode)	Display the completion mode currently used.		
Search Tools Selection	Emacs' default ISearch		mand operates. PEL supports the following search tools:		
See also: Search/Replace	 Manzu, ISearch with match Swiper search with over 				
<u>// Search/neplace</u>		stomize the PEL completion group			
	Set the pel-initial-search-to	ol user option to select which sear	ch tool is used when Emacs starts.		
		h tool is activated via the correspor tool and to see which one is curren	nding pel-use- user option, PEL makes the following commands available to tty active.		
Show which search tool is currently used	<f1> ? s</f1>	(pel-show-active-search-tool)	Display the currently used search tool.		
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	ch-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.				
	• Subset the <f11> s <f2> command to open the PEL search customize group and set the pel-initial-search-tool user option to identify</f2></f11>				
	which tool is used when Emacs starts. See below) and Swiper helps as they are both very useful in different scenarios.				
Customize PEL support		·	ted to a PEL topic. Most of these commands do not prompt; they open the		
Oustoniize i LL support	customization buffer at the reques	sted group.			
			n the customization groups related to the specific feature. on, execute M-x pel-init after you saving and applying the customized		
	variable. For motion variables that		ell 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.		
	<f12> P !</f12>				
PEL base	<f11> <f2> p</f2></f11>	(pel-customize-pel-base- emacs-group &optional OTHER-	Customize basic PEL configuration: open the pel-base-emacs group. • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
	<f12> p</f12>	WINDOW)	, , , ,		
Customize specific PEL group			pel-customize-pel & optional OTHER-WINDOW). The command detects the en. If there are more than one it prompts for the one to open. If a group is not		
	loaded, PEL prompts for loading i	t.	prefix argument (like C-u) is typed first.		
▼ Alian	<pre><fi>All of these commands open th <f11> t a <f2></f2></f11></fi></pre>	Customize PEL support for text all			
∑ Align ▼ Auto Completion			<u> </u>		
∑ Auto-Completion	<f11> , <f2></f2></f11>	·	support: auto-complete, company and hippie-expand.		
<u>∑ Bookmarks</u>	<f11> ' <f2></f2></f11>	Customize PEL support for bookn			
<u>∑ Buffers</u>	<f11> b <f2></f2></f11>	Customize PEL support for buffer	<u> </u>		
<u>∑ Comments</u>	<f11> ; <f2></f2></f11>	Customize Emacs support for con			
<u>∑ Cursor</u>	<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.		
<u>∑ Fast Startup</u>	<f11> M-S <f2></f2></f11>	Customize PEL support for fast startup mode.			
<u></u> File-mngt	<f11> f <f2> 1</f2></f11>	Customize PEL support for file ma	inagement.		
∑ File-mngt - dir. tree browser	<f11> B <f2></f2></f11>	Customize PEL support for director	bry tree browsers: treemacs, ztree		
	I	!			

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>	
<u>∑ File-mngt</u> - NeoTree	<f11> B N <f2></f2></f11>	Customize PEL support for NeoTr	ee directory browser	
<u>∑ Frames</u>	<f11> F <f2></f2></f11>	Customize PEL frame management support.		
<u></u> Grep	<f11> g <f2></f2></f11>	Customize PEL grep support. Groups: grep, ag, rg, ripgrep, wgrep.		
<u>∑ Help/Info</u>	<f11> ? <f2></f2></f11>	Customize PEL help support.		
<u></u> Hide/Show	<f11> M-/ <f2></f2></f11>	Customize PEL support for comm	ents: hide-cmnt, hide-lines.	
<u></u> Highlight	<f11> h <f2></f2></f11>	Customize PEL support for buffer	highlight management: fill-column-indicator, vline, rainbow-delimiters.	
<u>∑ Indentation</u>	<f11> <tab> <f2></f2></tab></f11>	Customize PEL support for:		
<u> ∑ Inserting Text</u>	<f11> i <f2></f2></f11>	Customize PEL text insertion supp	port: lice, smart-dash, tempo, time-stamp, yasnippet	
<u>∑ Keyboard Macros</u>	• <f11> k <f2> • <f11> k e <f2> • <f11> k 1 <f2></f2></f11></f2></f11></f2></f11>	Customize the PEL keyboard mac	ero external package support: centimacro, emacros, elmacro.	
<u>∑ Key-Chords</u>	<f11> <f5> k <f2></f2></f5></f11>	Customize PEL Key Chord support	rt.	
Input Completion: <u>∑ Completion/Input</u>	• <f11> M-c <f2> • M-g <f4> <f2></f2></f4></f2></f11>	Customize PEL Input Completion	support.	
<u>∑ Marking</u>	<f11> . <f2></f2></f11>	Customize PEL Marking support.		
<u>∑ Menus</u> - iMenu	<f11> <f10> <f2></f2></f10></f11>	Customize PEL imenu support.		
<u> Mode Line</u>	<f11> M-d <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> Outline	<f11> SPC M-1 <f2></f2></f11>	Customize PEL outline support		
<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.		
<u>∑ Sessions</u>	<f11> S <f2></f2></f11>	Customize PEL Session support.		
<u>∑ Shells</u>	<f11> z <f2></f2></f11>	Customize PEL Shell support.		
<u>∑ Speedbar</u>	<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>▼ 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.		
<u>∑ Time Tracking</u>	<f11> T <f2></f2></f11>	Open the PEL customize group(s) for the current context.		
∑ Undo/Redo/Repeat/Arg	<f11> u <f2></f2></f11>	Customize PEL undo support.	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.	Customize PEL Window support.	
Yasnippet - <u>∑ Inserting Text</u>	<f11> y <f2></f2></f11>	Customize PEL Yasnippet text insertion support.		
<u>∑ Xref</u> - cross reference	<f11> X <f2></f2></f11>	Customize PEL cross-reference support: ctags/etags/gtags		

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>	
Configure PEL Programming Language support	You should be able to control r activation of important packag The <f11> SPC key prefixes</f11>	nost of the important features of the es as well as aspects of programmi are available globally (for all buffer		
	group for the programming lan When you use the <f11> St the corresponding library is loaded</f11>	PC prefix, you can customize the Emacs language library support that might not even be loaded: PEL will detect if ed and will prompt you asking if you want to load it first, allowing Emacs to open the customization buffer. mization change in the current session, execute M-x pel-init after you saving and applying the customized		
AppleScript & text audio narration	<f11> SPC a <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Applescript support of OTHER-WINDOW is non-nil (in	ort. use C-u), display in another window.	
<u> ұр Агс</u>	<f11> SPC C-a <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Arc support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
ұт - С	<f11> SPC c <f2></f2></f11>	Customize PEL C support.		
	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (in the second control of the seco	use C-u), display in another window.	
<u> Ві - С++</u>	<f11> SPC C <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL C++ support: cpp • If OTHER-WINDOW is non-nil (o. use C-u), display in another window.	
β ῖ - Clojure	<f11> SPC C-j <f2></f2></f11>	Customize PEL Clojure support. • If OTHER-WINDOW is non-nil (i	use C-u), display in another window.	
⅓ ĭ - Common Lisp	<f11> SPC L <f2></f2></f11>	Customize PEL Lisp support: lisp,		
	<f12> <f2></f2></f12>	,	use C-u), display in another window.	
<u>βι - Chez</u> Scheme	<f11> SPC C-s C-z <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Chez support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
<u>βι - Chibi</u> Scheme	<f11> SPC C-s C-i <f2></f2></f11>	Customize PEL Chibi support.	use C−u), display in another window.	
	<f12> <f2></f2></f12>	,	use c-u), display in another window.	
<u>βι - Chicken</u> Scheme	<f11> SPC C-s C-k <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Chicken support. • If OTHER-WINDOW is non-nil (use C - u), display in another window.	
<u> ұр - D</u>	<f11> SPC D <f2></f2></f11>	Customize PEL D support: d-mod	de. use C-u), display in another window.	
	<f12> <f2></f2></f12>	,		
<u>βί - Elixir</u>	<f11> SPC x <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Elixir support: alcl If OTHER-WINDOW is non-nil (nemist, alchemist-lex. use $\mathbf{C} - \mathbf{u}$), display in another window.	
⊈βι - Emacs Lisp	<f11> SPC 1 <f2></f2></f11>	Customize PEL Elisp support.		
	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (in the second content of the seco	use C-u), display in another window.	
<u>‡βι - Emacs Lisp</u> eldoc	<f11> SPC 1 ? <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Elisp support: elc • If OTHER-WINDOW is non-nil (doc-box. use $\mathbf{C} \mathbf{-u}$), display in another window.	
ֆ፤ - Erlang	<f11> SPC e <f2> <f12> <f2></f2></f12></f2></f11>	9	rlang, erldoc, edts, auto-highlight-symbol. use C-u), display in another window.	
Bί - Forth	<f11> SPC f <f2></f2></f11>	Customize PEL Forth support.		
	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (i	use C-u), display in another window.	
<u> 191 - Go</u>	<f11> SPC g <f2></f2></f11>	Customize PEL Go support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
₽ĭ - Gambit Scheme	<f12> <f2> <f11> SPC C-s C-b <f2></f2></f11></f2></f12>	Customize PEL Gambit Scheme s	support.	
	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (in the second content of the seco	use C-u), display in another window.	
អ្នរ - GNU Guile Scheme	<f11> SPC C-s C-g <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Guile support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
भ्रा - Gerbil Scheme	<f11> SPC C-s C-e <f2></f2></f11>	Customize PEL Gerbil Scheme su	ipport. use C−u), display in another window.	
my al	<f12> <f2></f2></f12>	,		
भा - Gleam	<f11> SPC M-G <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Gleam support. • If OTHER-WINDOW is non-nil (use $\mathbf{C} - \mathbf{u}$), display in another window.	
भृर - Haskell	<f11> SPC h <f2></f2></f11>	Customize PEL Haskell support.	C v) display in another window	
	<f12> <f2></f2></f12>	,	use C-u), display in another window.	
№1 - Ну	<f11> SPC C-h <f2> <f12> <f2></f2></f12></f2></f11>	Customize PEL Hy support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
भूर - Julia	<f11> <f2> <f2> <f11> SPC j <f2></f2></f11></f2></f2></f11>	Customize PEL Julia support: julia		
	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (i	use C-u), display in another window.	
<u>Bι - Janet</u>	<f11> SPC T <f2></f2></f11>		el-use-janet, pel-use-janet-mode, pel-use-ijanet, pel-use-inf-janet use ${\bf C} - {\bf u}$), display in another window.	
BΙ - LFE	<f12> <f2> <f11> SPC C-1 <f2></f2></f11></f2></f12>	Customize PEL LFE support.		
<u>, ,</u>	<f12> <f2></f2></f12>		use C-u), display in another window.	
<u>βί- Lispy</u>	<f11> <f2> SPC M-L</f2></f11>	Common Lisp: lispy.	amming languages - A group that also contains the groups for Emacs Lisp and use C-u), display in another window.	
भ्रा - NetRexx	<f11> SPC N <f2></f2></f11>	Customize PEL NetRexx support.	Use this to activate NetRexx support.	
	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (i	use C-u), display in another window.	

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>	
<u>βι - Nim</u>	<f11> SPC n <f2></f2></f11>	Customize PEL nim support.		
	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (i	use C-u), display in another window.	
<u>ֆῖ - OCaml</u>	<f11> SPC o <f2></f2></f11>	Customize PEL OCaml support.		
	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (i	use C-u), display in another window.	
<u></u> βί - Perl	<f11> SPC P <f2></f2></f11>	Customize PEL Perl support.	and a sub-display is another window	
	<f12> <f2></f2></f12>	 If OTHER-WINDOW is non-nil (use C-u), display in another window. 		
भ्रा - Python	<f11> SPC p <f2></f2></f11>	Customize PEL Python support: p	ython, python-flymake. use C-u), display in another window.	
	<f12> <f2></f2></f12>	I OTTIEN-WINDOW IS HOH-HIII (I	use c-u), display in another window.	
<u>βι - Racket</u>	<f11> SPC C-s C-r <f2></f2></f11>	Customize PEL Racket support.	use C-u), display in another window.	
	<f12> <f2></f2></f12>	II OTTET WINDOW IS HOT TIM (I	asc e-u, display in another window.	
<u></u> βι - REXX	<f11> SPC R <f2></f2></f11>	Customize PEL REXX support. • If OTHER-WINDOW is non-nil (u	use C-u), display in another window.	
	<f12> <f2></f2></f12>	,		
<u>β</u> ῖ - Ruby	<f11> SPC U <f2></f2></f11>	Customize PEL Ruby support. • If OTHER-WINDOW is non-nil (i	use C-u), display in another window.	
	<f12> <f2></f2></f12>	,	<i>"</i>	
<u>P</u> ℓ - Rust	<f11> SPC r <f2></f2></f11>	Customize PEL Rust support. • If OTHER-WINDOW is non-nil (upper leading)	use C-u), display in another window.	
	<f12> <f2></f2></f12>	0		
	<f11> SPC H <f2></f2></f11>	Customize PEL UNIX Shell suppoIf OTHER-WINDOW is non-nil (unit of the control o	rt. use C-u), display in another window.	
mx 0.1	<f12> <f2></f2></f12>	2511> ppg g = g = 250		
<u>Bι - Scheme</u>	<f11> SPC C-s C-s <f2></f2></f11>	<f11> SPC C-s C-s <f2> <f12> <f2></f2></f12></f2></f11>		
mr V	<f12> <f2> <f11> SPC v <f2></f2></f11></f2></f12>	Customize PEL V support.		
<u>₽1 - V</u>	<f11> SPC v <f2></f2></f11>		use C-u), display in another window.	
Configure PEL Markup		ne Emacs customization group rela	ted to configure PEL support for the specific markup language.	
support	• The <f11> SPC key prefixes</f11>	are available globally (for all buffers	s).	
	group for the markup language	· · · · · · · · · · · · · · · · · · ·	or one of the languages supported by PEL and open the PEL customization	
	♣ To activate any PEL custom variable.	nization change in the current session	on, execute M-x pel-init after you saving and applying the customized	
	A 0	nization change in the current session	on, execute M-x pel-init after you saving and applying the customized	
	variable. Alternatively close and r			
M Graphviz Dot	<f11> SPC M-g <f2></f2></f11>	Customize PEL Graphviz-Dot supIf OTHER-WINDOW is non-nil (u	port. use C-u), display in another window.	
) (DiHibri	<f12> <f2></f2></f12>	Overtousing DEL Discott IMI average		
<u>M</u> PlantUML	• <f11> D u <f2> • <f11> SPC M-u <f2></f2></f11></f2></f11>	Customize PEL PlantUML support. • If OTHER-WINDOW is non-nil (use C - u), display in another window.		
	<f12> <f2></f2></f12>			
M Markdown	<f11> SPC M-m <f2></f2></f11>	Customize PEL Markdown support.		
	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
M Outline/Org-Mode	<f11> SPC M-o <f2></f2></f11>	Customize PEL Org Mode support: open pel-pkg-for-org-mode group. • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
	<f12> <f2></f2></f12>	THE OTTIEN - WINDOW IS HOT-TIII (I	ase c-u, display in another window.	
<u>M</u> reStructuredText	<f11> SPC M-r <f2></f2></f11>	Customize PEL reStructuredText s • If OTHER-WINDOW is non-nil (i	support. use C-u), display in another window.	
	<f12> <f2></f2></f12>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Customize Specific		dings to open customization groups of Emacs built-in or external package. d their specific file if they are not loaded.		
Emacs Groups.		apped into the PEL key prefixes as 3> key sequence. These are not li	the <f3> key member. For example to open auto-completion related groups sted here.</f3>	
		ces for all Emacs concepts. It provi	ides, however some key bindings to access the customization buffer for some	
Permanently change the	<f11> <f2> E C-c</f2></f11>	(pel-customize-cursor	Quicks access to the customize buffer to set the cursor default color.	
cursor's color See also: <u>∑ Cursor</u>		&optional OTHER-WINDOW)	It sets the color permanently if the customization is saved. Only available in graphics mode.	
locate	<f11> <f2> E 1</f2></f11>	(pel-cfge-locate &optional	, , , , , , , , , , , , , , , , , , , ,	
	-1117 \127 E 1	OTHER-WINDOW)	Customize locate. With C-u , display in another window.	
man	<f11> <f2> E m</f2></f11>	(pel-cfge-man &optional OTHER-WINDOW)	Customize man. With C-u , display in another window.	
browse-url	<f11> <f2> E u</f2></f11>	(pel-cfge-browse-url &optional	Customize browse-url. With C-u , display in another window.	
		ÖTHER-WINDOW)		
webjump	<f11> <f2> E j</f2></f11>	(pel-cfge-webjump &optional OTHER-WINDOW)	Customize webjump. With C-u, display in another window.	
woman	<f11> <f2> E w</f2></f11>	(pel-cfge-woman &optional	Customize woman. With C-u , display in another window.	
Cuptorsing Francis	The following key hindings almost	OTHER-WINDOW)	pol-customize-library &optional OTHED WINDOWN. The command datasts	
Customize Emacs Libraries	The following key bindings almost all use the same PEL command: (pel-customize-library & optional OTHER-WINDOW). The command detect he 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 the select the customization group to open. If there are more than one it prompts for the one to open. If the customization group to open. If there are more than one it prompts for the one to open. If the customization group to open if the prompts for the one to open. If there are more than one it prompts for the one to open. If the customization group to open in the customization group to open.			
	For external packages you can	its for loading it. If the related package is not installed PEL print a warning message. see you can use the same key sequence except for the last key: replace $<$ f 3 $>$		
		ne same topic. From that you will find the PEL option variable to activate the external package. pen the buffer inside another window if a prefix argument (like C-u) is typed first.		
<u></u> <u>X Align</u>	<f11> t a <f3></f3></f11>			
∑ Auto-Completion	<f11> , <f3></f3></f11>	Customize Emacs auto-completion	n support: auto-complete, company and hippie-expand.	
<u>∑ Bookmarks</u>	<f11> ' <f3></f3></f11>	Customize Emacs bookmark grou	p which includes: bookmark and bm.	
<u>∑ Buffers</u>	<f11> b <f3></f3></f11>	Customize Emacs support for buf	fer management: Buffer-menu, buffer, minibuffer, hexl, nhexl.	
<u>∑ Comments</u>	<f11> ; <f3></f3></f11>	Customize Emacs support for cor	nments: comment, hideshow.	
Customization Control	<f11> <f2> <f3></f3></f2></f11>	Customize Emacs customization	control.	

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>	
<u></u> Hide/Show	<f11> M-/ <f3></f3></f11>	Customize Emacs support for cor	nments: comment, hideshow.	
Input Completion: Sompletion/Input	<f11> <f2> P M-C</f2></f11>	(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.	
<u> ∑ Cursor</u>	<f11> m <f3></f3></f11>	Customize Emacs support for cursor and multiple-cursors.		
<u>∑ Diff & Merge</u> - ediff	<f11> d e <f3></f3></f11>	Customize Emacs ediff.		
<u>> Dired</u>	<f11> SPC M-D <f3></f3></f11>	Customize Emacs support for: dired, dired-git-info, dired-hide-dotfiles, Is-lisp, wdired. • The <f12> <f3> key sequence is available in the dired buffer.</f3></f12>		
	<f12> <f3></f3></f12>			
<u>∑ Enriched Text</u>	<f11> t e <f3></f3></f11>	Customize Emacs Enriched Text s	···	
<u>∑ File-mngt</u>	<f11> f <f3> 1</f3></f11>	Customize Emacs support for file		
<u>∑ File-mngt</u> - auto-revert	<f11> f r <f3></f3></f11>	Customize Emacs support for file	<u> </u>	
<u>∑ File-mngt</u> - ffap	<f11> f a <f3></f3></f11>	Customize Emacs support for ma	anagement of ffap (find file at point).	
<u>∑ File-mngt</u> - dir. tree browser	<f11> B <f3></f3></f11>	Customize directory tree browser	rs: treemacs, ztree	
<u>File-mngt</u> - NeoTree	<f11> B N <f3></f3></f11>	Customize NeoTree directory brow	wser	
∑ Filling/Justification	• <f11> t f <f3> • <f11> t j <f3></f3></f11></f3></f11>	Customize Emacs fill and justifica	tion control.	
<u>> Frames</u>	<f11> F <f3></f3></f11>	Customize Emacs frame manager	ment 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 buf column-indicator (for Emacs versi	fer highlight management: auto-highlight, edit, rainbow-delimited, line, fill- on earlier than 27.1)	
∑ Indentation	<f11> <tab> <f3></f3></tab></f11>	Customize Emacs indentation. O	pens the indent customization group.	
∑ Inserting Text	<f11> i <f3></f3></f11>	Customize Emacs text insertion s	support: lice, smart-dash, tempo, time-stamp, yasnippet	
∑ Keyboard Macros	<f11> k <f3></f3></f11>	Customize the Emacs keyboard macro external package support: kmacro, centimacro.		
∑ Keyboard Macros	<f11> k e <f3></f3></f11>	Customize the Emacs keyboard macro external package support: emacros.		
∑ Keyboard Macros	<f11> k 1 <f3></f3></f11>	Customize the Emacs keyboard macro external package support: elmacro.		
∑ Key-Chords	<f11> <f5> k <f3></f3></f5></f11>	Customize Emacs support for: key-chord		
Line Mngt: <u>∑ Display - Lines</u>	<f11> 1 <f3></f3></f11>	Customize Emacs support for visual-line.		
<u></u> Marking	<f11> . <f3></f3></f11>	Customize Emacs Marking support.		
<u> Menus</u> - iMenu	<f11> <f10> <f3></f3></f10></f11>	Customize Emacs menu mechanis	sms.	
Mode Line	<f11> M-d <f3></f3></f11>	Customize Emacs mode line supp	port: mode-line	
<u>Navigation</u>	<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>» Outline</u>	<f11> SPC M-1 <f3></f3></f11>	Customize Emacs outline support		
<u>∑ Projectile</u>	• <f11> <f8> <f3> • <f8> <f3></f3></f8></f3></f8></f11>	Key sequence <f8> <f2> is</f2></f8>	Open the projectile customization group where you can modify projectiles configuration. <f3> is available if pel-use-projectile is t. available when the projectile mode is on. ernal package is 2 activated the pel-use-projectile user option.</f3>	
Regular Expression	<f11> s x <f3></f3></f11>		sion support: rxt, re-builder, visual-regex.	
∑ Search/Replace		2 22 22 23 27,51000		
<u>∑ Scrolling</u>	<f11> <f3></f3></f11>		ort groups: follow, smooth-scrolling.	
<u> ▼ Search/Replace</u>	<f11> s <f3></f3></f11>	Customize Emacs Search support: search, anzu, swiper, iedit.		
<u>Sessions</u>	<f11> S <f3></f3></f11>	Customize Emacs Session suppo	<u> </u>	
<u>∑ Shells</u>	<f11> z <f3></f3></f11>	Customize Emacs Shells support	<u> </u>	
<u>∑ Speedbar</u>	<f11> M-s <f3></f3></f11>	Customize Emacs Speedbar supp		
∑ Spell Checking	<f11> \$ <f3></f3></f11>		rt. Opens the following customization groups: ispell, flyspell.	
<u>Text Modes</u>	<f11> t m <f3></f3></f11>	Customize Emacs text mode grou	<u> </u>	
Text <u>∑ Whitespace</u>	<f11> t w <f3></f3></f11>	Customize Emacs handling of whi	·	
∑ Time Tracking ∑ VCS	<f11> T <f3> <f11> v <f3></f3></f11></f3></f11>		bups which includes: display-time, timeclock, timelog I System support: vc, vc-hg, vc-git, magit, monky.	
∑ Undo/Redo/Repeat/Arg	<f11> u <f3></f3></f11>	Customize Emacs undo support:		
<u> ▼ Windows</u>	<f11> w <f3></f3></f11>	Customize Emacs Window suppo	rt groups: windows, ace-window, ace-window-display, winner, windmove.	
<u>∑ Xref</u> - cross reference	<f11> X <f3></f3></f11>	Customize Emacs cross-reference	e support: ctags/etags/gtags	
Yasnippet ∑ Inserting Text	<f11> y <f3></f3></f11>	Customize Yasnippet groups: yasnippet, yasnippet-snippets, yas-minor		

Operation	<u>Keystroke</u>	Function Note		
Configure Emacs		the Emacs configuration group to configure Emacs support for the specified programming language.		
Programming Language		s are available globally (for all buffers). vavailable when point is in a buffer for one of the languages supported by PEL and open the Emacs customization		
support	group for the programming language for the current buffer.			
		PC prefix, you can customize the Emacs language library support that might not even be loaded: PEL will detect if ed and will prompt you asking if you want to load it first, allowing Emacs to open the customization buffer.		
AppleScript & text audio	<f11> SPC a <f3></f3></f11>	Customize Emacs Applescript support.		
narration	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
MY Aro	<f11> SPC C-a <f3></f3></f11>	Customize Emacs Arc support: arc, lispy.		
<u> Pι - Arc</u>	<f12> <f3></f3></f12>	 If OTHER-WINDOW is non-nil (use C-u), display in another window. 		
my o	<f11> SPC c <f3></f3></f11>	Customize Emacs C support.		
<u> βι - C</u>	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
m. •		Customiza Emaco Cuu aupportuna		
<u> βί - C++</u>	<f11> SPC C <f3></f3></f11>	Customize Emacs C++ support: cpp. • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
mz a. .	<f12> <f3></f3></f12>	Customina Emana Clairus auganati alairus aidas alis		
野t - Clojure	<f11> SPC C-j <f3></f3></f11>	Customize Emacs Clojure support: clojure, cider, cljr. • If OTHER-WINDOW is non-nil (use C - u), display in another window.		
	<f12> <f3></f3></f12>			
B	<f11> SPC L <f3></f3></f11>	Customize Emacs Lisp support: lisp, lispy. • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
	<f12> <f3></f3></f12>			
<u>¾ℓ - Chez</u> Scheme	<f11> SPC C-s C-z <f3></f3></f11>	Customize Emacs Scheme support: scheme, geiser, quack, lispy. • If OTHER-WINDOW is non-nil (use C - u), display in another window.		
	<f12> <f3></f3></f12>			
<u>βι - Chibi</u> Scheme	<f11> SPC C-s C-i <f3></f3></f11>	Customize Emacs Scheme support: scheme, geiser, quack, lispy. • If OTHER-WINDOW is non-nil (use C - u), display in another window.		
	<f12> <f3></f3></f12>			
β Ι - Chicken Scheme	<f11> SPC C-s C-k <f3></f3></f11>	Customize Emacs Scheme support: scheme, geiser, quack, lispy. • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
	<f12> <f3></f3></f12>	O Eri vinte ovi is nor in (use o-u), display in another willow.		
<u> ФІ - D</u>	<f11> SPC D <f3></f3></f11>	Customize Emacs D support: d-mode. • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
	<f12> <f3></f3></f12>	• II OTHER-WINDOW IS NOTI-NII (use C-u), display in another window.		
<u> Pβι - Elixir</u>	<f11> SPC x <f3></f3></f11>	Customize Emacs Elixir support: alchemist, alchemist-iex.		
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
⊈β≀ - Emacs Lisp	<f11> SPC 1 <f3></f3></f11>	Customize Emacs Elisp support: checkdoc, editing-basics, elint, eldoc, eros, lisp, lispy, suggest.		
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
⊈%ा - Emacs Lisp eldoc	<f11> SPC 1 ? <f3></f3></f11>	Customize PEL Elisp support: eldoc, eldoc-box.		
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
乳ἴ - Erlang	<f11> SPC e <f3></f3></f11>	Customize Emacs Erlang support: erlang, erldoc, edts, auto-highlight-symbol.		
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
BΙ - Forth	<f11> SPC f <f3></f3></f11>	Customize Emacs Forth support.		
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
भ्रा - Go	<f11> SPC g <f3></f3></f11>	Customize Emacs Go support.		
<u> </u>	<f12> <f2></f2></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
भा - Gambit Scheme	<f11> SPC C-s C-b <f3></f3></f11>	Customize Emacs Scheme support: gerbil-mode, scheme, geiser, quack, lispy.		
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
भ्रा - GNU Guile Scheme	<f11> SPC C-s C-g <f3></f3></f11>	Customize Emacs Scheme support: scheme, geiser, quack, lispy.		
pr - arro dune conome	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
MY - Gerhil Scheme	<f11> SPC C-s C-e <f3></f3></f11>	Customize Emacs Scheme support: gerbil-mode, scheme, geiser, quack, lispy.		
भ्रा - Gerbil Scheme	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C - u), display in another window.		
MY - Hackell	<f11> SPC h <f3></f3></f11>	Customize Emacs Haskell support: haskell		
βί - Haskell	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use C-u), display in another window.		
WY Julie	<f11> <f15> <f3></f3></f15></f11>	Customize Emacs Julia support: julia, julia-mode, julia-snail.		
क्षर - Julia	<f12> <f3></f3></f12>	 If OTHER-WINDOW is non-nil (use C-u), display in another window. 		
(I) langt	-	Customize Emacs, landt support; ignet, iinnet, infrignet		
भूर - Janet	<f11> SPC T <f3></f3></f11>	Customize Emacs Janet support: janet, ijanet, inf-janet • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
mx 1==	<f12> <f3></f3></f12>	Customiza Emaco I EE cusport: the Ma customization group, which controls the customization group.		
Bι - LFE	<f11> SPC C-1 <f3></f3></f11>	Customize Emacs LFE support: the Ife customization group, which controls the settings of the Ife -mode. • If OTHER-WINDOW is non-nil (use C - u), display in another window.		
	<f12> <f3></f3></f12>	Control of Fundamental Control of		
βι - 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>			
βι - NetRexx	<f11> SPC N <f3></f3></f11>	Customize Emacs NetRexx support: netrexx-mode • If OTHER-WINDOW is non-nil (use C - u), display in another window.		
	<f12> <f3></f3></f12>			
Bt - Nim	<f11> SPC n <f3></f3></f11>	Customize Emacs nim support: nim • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
	<f12> <f3></f3></f12>	Control Mark Mark Mark Mark Mark Mark Mark Mark		
Bι - OCaml	<f11> SPC o <f3></f3></f11>	Customize Emacs OCaml support: merlin, tuareg, tuareg-opam. • If OTHER-WINDOW is non-nil (use C-u), display in another window.		
	<f12> <f3></f3></f12>			
my DI	2511> CDC D 252>	Customize Emacs Perl support: perl.		
<u>βί - Perl</u>	<f11> SPC P <f3></f3></f11>	If OTHER-WINDOW is non-nil (use 6 x) display in grether window		
कुर - Pen	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (use c - u), display in another window.		
भू। - Peri		 If OTHER-WINDOW is non-nil (use C-u), display in another window. Customize Emacs Python support: python, python-flymake. If OTHER-WINDOW is non-nil (use C-u), display in another window. 		

<u>Operation</u>	<u>Keystroke</u>	Function	<u>Note</u>
βι - Racket	<f11> SPC C-s C-r <f3></f3></f11>	Customize Emacs Racket support: racket, scheme, geiser, quack, lispy. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (u	se C-u), display in another window.
Bι - REXX	<f11> SPC R <f3></f3></f11>	Customize Emacs REXX support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f3></f3></f12>		
鸦ῖ - Ruby	<f11> SPC U <f3></f3></f11>	Customize Emacs Ruby support: ruby. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f3></f3></f12>		
乳ῖ - Rust	<f11> SPC r <f3></f3></f11>	Customize Emacs Rust support: ru	
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (u	se C-u), display in another window.
β	<f11> SPC C-s C-s <f3></f3></f11>	Customize PEL Scheme support.	
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (u	se C-u), display in another window.
Bι - UNIX Shell	<f11> SPC H <f3></f3></f11>	Customize Emacs UNIX Shell support: sh, sh-script, sh-indentation. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f3></f3></f12>		
<u> 1</u> βτ - V	<f11> SPC v <f3></f3></f11>	Customize Emacs V support: v • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f3></f3></f12>		
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 customization 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 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></f3></f12></f11>		
Ŋ Graphviz Dot	<f11> SPC M-g <f3></f3></f11>	Customize Emacs Graphviz-Dot support.	
	<f12> <f3></f3></f12>	If OTHER-WINDOW is non-nil (u	se C-u), display in another window.
M PlantUML	• <f11> D u <f3> • <f11> SPC M-u <f3></f3></f11></f3></f11>	Customize Emacs PlantUML support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f3></f3></f12>		
M Markdown	<f11> SPC M-m <f3></f3></f11>	Customize Markdown and markdo	
	<f12> <f3></f3></f12>	 If OTHER-WINDOW is non-nil (use C-u), display in another window. 	se c-u), aispiay in another window.
M Outline/Org-Mode	<f11> SPC M-o <f3></f3></f11>	Customize Org Mode external pac • If OTHER-WINDOW is non-nil (u	kages support: se C-u), display in another window.
M reStructuredText	<f11> SPC M-r <f3></f3></f11>	Customize Emacs reStructuredText support. • If OTHER-WINDOW is non-nil (use C-u), display in another window.	
	<f12> <f3></f3></f12>		