

PEL Topics Index

Last updated on: 2025-10-07		Note: with PEL; type <f11> <f1> to open this PDF index.																																																																																																					
<div>Emacs Reference Cards</div> <div><ul style="list-style-type: none">Emacs Release HistoryEmacsWiki</div>		<div>Links to PDF version of official English version of the quick reference cards for GNU Emacs and popular external packages.</div> <div>👉 With PEL, access these PDF cards from within Emacs with the <f11> ? e r key sequence. See ℹ Help/Info for more info.</div> <table><tr><td>Emacs</td><td>Calc</td><td>Gnus</td><td>Magit Cheatsheet</td><td>Org</td><td>Viper</td></tr><tr><td>Emacs survival card</td><td>Dired</td><td>Gnus booklet</td><td>Magit Ref-card</td><td></td><td>VIP</td></tr></table>					Emacs	Calc	Gnus	Magit Cheatsheet	Org	Viper	Emacs survival card	Dired	Gnus booklet	Magit Ref-card		VIP																																																																																					
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<div>➤ PEL Overview</div> <div><ul style="list-style-type: none">PEL repoPEL ReadmePEL ManualPEL NEWS📰Discussions</div> <div><ul style="list-style-type: none">PEL licenseEmacs Mailing ListsEmacs project repoContribute to Emacs</div>		<div>This table holds links to all other PEL topic oriented PDF table files (hosted on Github).</div> <div>👉 For the best user experience, use a browser that can render PDF directly instead of downloading: all PDFs are heavily hyperlinked.<ul style="list-style-type: none">Mozilla Firefox (version > 78) does that perfectly. You may need to activate a plug-in for other browsers.</div> <div>👉 From within Emacs open this topic index PDF by typing the <f11> ? <f1> key sequence. More help topics with <f11> ? p keys.</div> <div>👉 The symbols, colour coding and various other conventions are described in the ➤Legend PDF.</div>																																																																																																					
<div>Terminal Multiplexers:</div> <div>GNU screen , Tmux</div> <div>Command Line Scripting</div> <div>Languages: bash, sh, zsh</div> <div>🐉: GNU readline, ls -l, ssh</div>	General Info ➤	➤Legend		➤Recommended Emacs User Option	➤Themes	Migrate from CRiSP																																																																																																	
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<div>OS Desktop Key Bindings</div> <div>(Bindings that don't clash with PEL)</div>		🍏 macOS Fct Keys	🍏 macOS Keys	🐉Mint 20 Desktop Keys		🐉Ubuntu 16.04 Desktop Keys																																																																																																	
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<div>Key Prefixes & Suffixes</div>		ℹ ≡Modifier Keys	ℹ ≡Numkeypad	≡Keys - Fn	≡Keys - F11	≡Keys - F12	➤PEL																																																																																																
<div>ℹ Emacs Manual , Guided Tour of Emacs.</div> <div><ul style="list-style-type: none">Mastering Emacs , Awesome-EmacsMELPA and GNU ELPA</div> <div>The tables listed at right describe Emacs commands & key bindings for concepts & features. The cell is light-blue for major mode, light-red for minor mode specific concepts. Grey cells are links into other pages for important concepts. Emacs commands can be executed by name or bound to key sequences. They describe the commands, their arguments and the key sequences bound to them.</div> <div><ul style="list-style-type: none">Emacs KeysNumeric Arguments</div> <div>You can also:</div> <div><ul style="list-style-type: none">Run Command by Name</div> <div>Emacs uses a concept of modes:</div> <div><ul style="list-style-type: none">Emacs Major and Minor Modes<ul style="list-style-type: none">Major ModesMinor ModesChoosing Modes</div> <div>PEL provides several key sequences to toggle minor modes.</div>		<div>Cells link titles starting with only ℹ are Emacs generic features, blue links are external packages. The green links are mostly PEL extensions.</div> <table><tr><td>ℹ Abbreviations</td><td>ℹ Diff & Merge</td><td>ℹ Grep</td><td>ℹ Marking</td><td>ℹ Scrolling</td><td>ℹ Tab Bar</td></tr><tr><td>ℹ Align</td><td>ℹ Dired</td><td>ℹ Help/Info</td><td>ℹ Menus</td><td>ℹ Search/Replace</td><td>ℹ Templates</td></tr><tr><td>ℹ Auto-Completion</td><td>ℹ Display - Lines</td><td>ℹ Hide/Show</td><td>ℹ Mode Line</td><td>ℹ Sessions</td><td>ℹ Text Modes</td></tr><tr><td>ℹ Autosave/Backup</td><td>ℹ Drawing</td><td>ℹ Highlight (colors)</td><td>ℹ Mouse</td><td>ℹ start Shells/REPLs</td><td>ℹ Time Tracking</td></tr><tr><td>ℹ Bookmarks</td><td>ℹ Enriched Text</td><td>ℹ ibuffer-mode</td><td>ℹ Narrowing</td><td>ℹ shell-mode</td><td>ℹ Tramp</td></tr><tr><td>ℹ Buffers</td><td>ℹ Execute Cmds</td><td>ℹ Indentation</td><td>ℹ Navigation</td><td>ℹ term-mode</td><td>ℹ Transpose text</td></tr><tr><td>ℹ Case Conversions</td><td>ℹ Exec Shell Cmds</td><td>ℹ Input Method</td><td>ℹ Object Files</td><td>eat-mode</td><td>ℹ X Treemacs</td></tr><tr><td>ℹ Close/Suspend</td><td>ℹ Faces/Fonts</td><td>ℹ Inserting Text</td><td>ℹ Outline</td><td>vterm-mode</td><td>ℹ Tree Sitter</td></tr><tr><td>ℹ Comments</td><td>ℹ P Fast Startup</td><td>ℹ Key-Chords</td><td>ℹ Packages</td><td>ℹ X Smartparens</td><td>ℹ Undo/Redo/Repeat</td></tr><tr><td>ℹ Compilation Mode</td><td>ℹ File Encoding</td><td>ℹ Keyboard Macros</td><td>ℹ X Projectile</td><td>ℹ Sorting</td><td>ℹ VCS-Git X Magit</td></tr><tr><td>ℹ Completion/Input</td><td>ℹ File-mngt</td><td>ℹ X Lisp</td><td>ℹ Recursive Edit</td><td>ℹ Speedbar</td><td>ℹ VCS-Mercurial</td></tr><tr><td>ℹ Counting</td><td>ℹ File/Dir Variables</td><td>Logging key strokes</td><td>ℹ Rectangles</td><td>ℹ Spell Checking</td><td>ℹ VCS-Subversion</td></tr><tr><td>ℹ M CUA</td><td>ℹ Fill/Justify</td><td></td><td>ℹ Registers</td><td>ℹ SyntaxCheck</td><td>ℹ Web</td></tr><tr><td>ℹ Cursor</td><td>ℹ Frames</td><td></td><td></td><td></td><td>ℹ Whitespace</td></tr><tr><td>ℹ Customize</td><td></td><td></td><td></td><td></td><td>ℹ Windows</td></tr><tr><td>ℹ Cut & Paste</td><td></td><td></td><td></td><td></td><td>ℹ Xref - Cross Refs</td></tr></table>						ℹ Abbreviations	ℹ Diff & Merge	ℹ Grep	ℹ Marking	ℹ Scrolling	ℹ Tab Bar	ℹ Align	ℹ Dired	ℹ Help/Info	ℹ Menus	ℹ Search/Replace	ℹ Templates	ℹ Auto-Completion	ℹ Display - Lines	ℹ Hide/Show	ℹ Mode Line	ℹ Sessions	ℹ Text Modes	ℹ Autosave/Backup	ℹ Drawing	ℹ Highlight (colors)	ℹ Mouse	ℹ start Shells/REPLs	ℹ Time Tracking	ℹ Bookmarks	ℹ Enriched Text	ℹ ibuffer-mode	ℹ Narrowing	ℹ shell-mode	ℹ Tramp	ℹ Buffers	ℹ Execute Cmds	ℹ Indentation	ℹ Navigation	ℹ term-mode	ℹ Transpose text	ℹ Case Conversions	ℹ Exec Shell Cmds	ℹ Input Method	ℹ Object Files	eat-mode	ℹ X Treemacs	ℹ Close/Suspend	ℹ Faces/Fonts	ℹ Inserting Text	ℹ Outline	vterm-mode	ℹ Tree Sitter	ℹ Comments	ℹ P Fast Startup	ℹ Key-Chords	ℹ Packages	ℹ X Smartparens	ℹ Undo/Redo/Repeat	ℹ Compilation Mode	ℹ File Encoding	ℹ Keyboard Macros	ℹ X Projectile	ℹ Sorting	ℹ VCS-Git X Magit	ℹ Completion/Input	ℹ File-mngt	ℹ X Lisp	ℹ Recursive Edit	ℹ Speedbar	ℹ VCS-Mercurial	ℹ Counting	ℹ File/Dir Variables	Logging key strokes	ℹ Rectangles	ℹ Spell Checking	ℹ VCS-Subversion	ℹ M CUA	ℹ Fill/Justify		ℹ Registers	ℹ SyntaxCheck	ℹ Web	ℹ Cursor	ℹ Frames				ℹ Whitespace	ℹ Customize					ℹ Windows	ℹ Cut & Paste					ℹ Xref - Cross Refs
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<div>Hardware Description Languages</div>		ℹ Verilog	ℹ VHDL	🔧 Language Server & Tools for HDL		ℹ X.509 Certificates																																																																																																	
<div>Lightweight Markup Languages</div>		ℹ AsciiDoc	ℹ Markdown	ℹ Org-Mode	ℹ reStructuredText																																																																																																		
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<div>Programming Languages</div> <div>Main Paradigm of Programming Languages</div> <div><ul style="list-style-type: none">Actor Model: Ⓐ Array ⓧConcatenative Ⓚ Concurrent: ⒸDomain Specific ⒹDynamic d Extensible ⒺFunctional: Ⓕ Pure: ⒽGeneric ⒼImperative: Ⓛ or no tokenObject Oriented Ⓞ Procedural ⓅHas Syntactic Macros: ⓂMulti-paradigm ➤ Reflective System Level Ⓢ</div> <div><ul style="list-style-type: none">The programming languages supported by PEL are listed here in alphabetical order.Emacs (and PEL) also provides basic support for some of the one PEL does not support and for other programming languages not listed here.</div>		<div>Emacs has major mode support for several programming languages. PEL extends Emacs support for some of them (others are marked 🐉).</div> <table><tr><td>BEAM Programming</td><td>Functional</td><td>Javascript target</td><td>Pascal-style syntax</td><td>Lisp-like Languages</td><td>Stack Based</td></tr><tr><td>Curly Bracket</td><td>Java Virtual Machine</td><td>ML Family</td><td>Lisp Family</td><td>Scheme Dialects</td><td>OS App Control</td></tr></table> <table><tr><td>ℹ Ada</td><td>ℹ D</td><td>ℹ Gambit</td><td>ℹ Janet</td><td>ℹ Pascal</td><td>Scala</td></tr><tr><td>ℹ AppleScript</td><td>Dart</td><td>ℹ Gerbil</td><td>ℹ Java</td><td>ℹ Perl (perl5)</td><td>ℹ Scheme</td></tr><tr><td>APL</td><td>ℹ Eiffel</td><td>ℹ GNU Guile</td><td>ℹ Javascript</td><td>ℹ Pike</td><td>ℹ Seed7</td></tr><tr><td>ℹ Arc</td><td>ℹ Elm</td><td>ℹ Gleam</td><td>ℹ Julia</td><td>ℹ Python</td><td>ℹ Smalltalk</td></tr><tr><td>ℹ awk</td><td>ℹ Elixir</td><td>ℹ Go</td><td>Kotlin</td><td>ℹ Purescript</td><td>ℹ Swift</td></tr><tr><td>ℹ C</td><td>ℹ Emacs Lisp</td><td>Groovy</td><td>ℹ LFE</td><td>R</td><td>ℹ Tcl</td></tr><tr><td>ℹ C++</td><td>ℹ Erlang</td><td>ℹ Haskell</td><td>ℹ Lua</td><td>ℹ Racket</td><td>ℹ Typescript</td></tr><tr><td>Carbon future</td><td>ℹ Factor</td><td>Haxe</td><td>ℹ Modula</td><td>ℹ ReasonML</td><td>ℹ UNIX Shell</td></tr><tr><td>ℹ Chez</td><td>ℹ Forth</td><td>ℹ Hy (python)</td><td>ℹ NetRexx</td><td>ℹ REXX</td><td>ℹ V</td></tr><tr><td>ℹ Chibi</td><td>Fortran</td><td></td><td>ℹ Nim</td><td>ℹ Ruby</td><td>ℹ Zig</td></tr><tr><td>ℹ Chicken</td><td></td><td></td><td>ℹ Objective-C</td><td>ℹ Rust</td><td></td></tr><tr><td>ℹ Clojure</td><td></td><td></td><td>ℹ OCaml</td><td></td><td></td></tr><tr><td>Common Lisp</td><td></td><td></td><td>ℹ Odin</td><td></td><td></td></tr><tr><td>Crystal</td><td></td><td></td><td></td><td></td><td></td></tr></table>						BEAM Programming	Functional	Javascript target	Pascal-style syntax	Lisp-like Languages	Stack Based	Curly Bracket	Java Virtual Machine	ML Family	Lisp Family	Scheme Dialects	OS App Control	ℹ Ada	ℹ D	ℹ Gambit	ℹ Janet	ℹ Pascal	Scala	ℹ AppleScript	Dart	ℹ Gerbil	ℹ Java	ℹ Perl (perl5)	ℹ Scheme	APL	ℹ Eiffel	ℹ GNU Guile	ℹ Javascript	ℹ Pike	ℹ Seed7	ℹ Arc	ℹ Elm	ℹ Gleam	ℹ Julia	ℹ Python	ℹ Smalltalk	ℹ awk	ℹ Elixir	ℹ Go	Kotlin	ℹ Purescript	ℹ Swift	ℹ C	ℹ Emacs Lisp	Groovy	ℹ LFE	R	ℹ Tcl	ℹ C++	ℹ Erlang	ℹ Haskell	ℹ Lua	ℹ Racket	ℹ Typescript	Carbon future	ℹ Factor	Haxe	ℹ Modula	ℹ ReasonML	ℹ UNIX Shell	ℹ Chez	ℹ Forth	ℹ Hy (python)	ℹ NetRexx	ℹ REXX	ℹ V	ℹ Chibi	Fortran		ℹ Nim	ℹ Ruby	ℹ Zig	ℹ Chicken			ℹ Objective-C	ℹ Rust		ℹ Clojure			ℹ OCaml			Common Lisp			ℹ Odin			Crystal					
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