


PEL Quick Access Topics Index

Last updated on: 2026-01-17		Note: with PEL; type <f11> <f1> to open this PDF index.					
<div>GNU Emacs</div> <div>Reference Cards</div>		With PEL, access these PDF cards from within Emacs with the <f11> ? e r key sequence. See ℥ Help/Info for more info. Links to PDF version of official English version of the quick reference cards for GNU Emacs and popular external packages.					
<div><div>• Emacs Release History</div><div>• EmacsWiki</div></div> <div><div>• Emacs project repo</div></div>		Emacs	Calc	Gnus	Magit Cheatsheet	Org	Viper
		Emacs survival card	Dired	Gnus booklet	Magit Ref-card		VIP
<div>➤ PEL</div> <div><div>• Repo</div><div>• Manual</div><div>• Discussions</div></div> <div><div>Readme License</div><div>NEWS🔧</div></div> <div><div>• Emacs Mailing Lists</div><div>• Contribute to Emacs</div><div>• EmacsConf</div></div>		This table holds links to all other PEL topic oriented PDF table files (hosted on Github). 👉 For best user experience, use a browser like Firefox that can render PDF directly instead of downloading: all PDFs are heavily hyperlinked. 👉 From within Emacs open this topic index PDF by typing the <f11> ? <f1> key sequence. More help topics with <f11> ? p keys. 👉 The symbols, colour coding and various other conventions are described in the ➤Legend PDF.					
<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
		Startup ➤	Run Emacs daemon & clients 🍏🐉		🖥️iMenu/Speedbar support		
		PEL Code ➤	🖥️PEL Naming Conventions		🖥️PEL Environment Variables		🖥️PEL utilities
OS Desktop Key Bindings 		🍏 macOS Fct Keys		🍏 macOS Keys		🐉Mint 20 Desktop Keys	
(Bindings that don't clash with PEL)				🍏 terminal settings		🐉Rocky Linux 8 Desktop Keys	
🐉 Feature Comparisons		🐉 Completion Modes Compatibility		🐉 Speedbar/iMenu Mode Compatibility		🐉 Shells/Terminals Comparisons	
Key Prefixes & Suffixes		℥ ≡ Modifier Keys	℥ ≡ Numkeypad	≡ Keys - Fn	≡ Keys - F11	≡ Keys - F12	➤PEL
<div>℥ Emacs Features</div> <div>℥ Emacs Manual , Guided Tour of Emacs , Emacs Lisp Manual</div> <div><div>• Emacs Docs: Emacs, Emacs Lisp</div><div>• Mastering Emacs, Awesome-Emacs</div><div>• MELPA and GNU ELPA</div></div> <div>The tables at right describe Emacs concepts/ features commands & key bindings. Cell background is light-blue for major mode, light-red for minor mode specifics, grey for links to sections of tables. Cells link titles starting with ℥ are Emacs generic features, blue links are external packages. The green links are mostly PEL extensions. 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><div>• Emacs Keys</div><div>• Numeric Arguments</div></div> <div>You can also:</div> <div><div>• Run Command by Name</div></div>		℥ Abbreviations	Debuggers🔧🐉	℥ Grep	℥ Man pages	℥ Scrolling	℥ Tab Bar
		℥ Align	℥ Diff & Merge	℥ Help/Info	℥ Marking	℥ Search/Replace	T Templates
		℥ Auto-Completion	℥ Dired	℥ Hide/Show	℥ Menus ℥iMenu	℥ Sessions	℥ Text Modes
		℥ Autosave/Backup	℥ Display - Lines	℥ Highlight (colors)	℥ Mode Line	℥ start Shells/REPLs	℥ Time Stamps
		℥ Bookmarks	℥ Drawing	℥ ibuffer-mode	℥ Mouse	℥ shell-mode	℥ Time Tracking
		℥ Buffers	℥ Eldoc	℥ Indentation	℥ Narrowing	℥ term-mode	℥ Tramp 🌐
		℥ Case Conversions	℥ Enriched Text	℥ Input Method	℥ Navigation	eat-mode	℥ Transpose text
		℥ Close/Suspend	℥ Execute Cmds	℥ Inserting Text	℥ Object Files	vterm-mode	℥ X Treemacs
		℥ Comments	℥ Exec Shell Cmds	℥ Key-Chords	℥ Outline	℥ X Smartparens	℥ Tree Sitter
		℥ Compilation Mode	℥ Faces/Fonts	℥ Keyboard Macros	℥ Packages	℥ Sorting	℥ Undo/Redo/Repeat
		℥ Completion/Input	℥ P Fast Startup	℥ X - Lisp	Programming	Speech To Text	℥ VCS-Git XMagit
		℥ Counting	℥ File Encoding	Logging key strokes	℥ Project Tools	℥ Speedbar	℥ VCS-Mercurial
		℥ M CUA	℥ File-mngt		℥ X Projectile	℥ Spell Checking	℥ VCS-Subversion
		℥ Cursor	℥ File/Dir Variables		℥ Recursive Edit	℥ SyntaxCheck	℥ Web
		℥ Customize	℥ Fill/Justify		℥ Rectangles		℥ Whitespace
		℥ Cut & Paste	℥ Frames		℥ Registers		℥ Windows
							Writing Tools
							℥ Xref - Cross Refs
℥ X - Emacs Lisp concepts	& tools	℥ display-buffer	℥ X - ELisp Types	℥ Hooks	℥ Elisp Build Tools	℥ ERT (regr-testing)	
Parsing tools, Indentation	℥ Xref Tools:	🐉 Indentation Styles	🐉 Language Servers	🐉 Tree-sitter	🐉 Xref-Backend	🐉 Xref-Frontend	🐉 Xref-Support
Build Tools		℥ - CMake 🔧	℥ - Make gmake	℥ - Meson	℥ - Ninja	℥ - Nix	℥ - Tup
Data Serialization & Configuration		Ⓢ CWL	Ⓢ HCL/Terraform🔧	Ⓢ JSON 🔧	Ⓢ PKL 🔧	Ⓢ XML 🔧	xmake
Modelling		M ASN.1 asn1-mode	M MIB snmp-mode	M YANG		Ⓢ YAML	
Other File Formats		Binary, Object, Executable Files		Log Files	RFC (RFC @ Wikipedia)		SSH files 🐉ssh
		℥ Changelog Files	Config/ini/toml... Files		RPM Files 🐉 (spec file format)		M X.509 Certificates
Hardware Description Languages		℥ - Verilog 🔧	℥ - VHDL 🔧	🐉 Language Server & Tools for HDL 🔧			
Lightweight Markup Languages		M AsciiDoc	M Creole	M Markdown	M Org-Mode	M reStructuredText	
Graphics Markup		M Graphviz Dot	M MscGen	M PlantUML			
Programming Languages Major Modes		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
Main Paradigm of Programming Languages							
<div><div>• Actor Model: Ⓐ Array X</div><div>• Concatenative Ⓚ Concurrent: ©</div><div>• Domain Specific Ⓢ</div><div>• Dynamic d Extensible ©</div><div>• Functional: Ⓣ Pure: Ⓟ</div><div>• Generic Ⓢ</div><div>• Imperative: Ⓛ or no token</div><div>• Object Oriented Ⓢ Procedural Ⓟ</div><div>• Has Syntactic Macros: Ⓜ</div><div>• Multi-paradigm X Reflective </div><div>• System Level Ⓢ</div></div>							
<div><div>The programming languages supported by PEL are listed here in alphabetical order.</div><div>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>		℥ - Ada 🔧 X Ⓢ	Crystal 🔧	℥ - Gambit ⓉⓂ	℥ - Janet ⓁⓉⓂ	℥ - Pascal	Scala 🔧
		℥ - Algol	℥ - D ⓁⓉⓂⒶ	℥ - Gerbil ⓉⓂⒶ	℥ - Java 🔧	℥ - Perl (perl5)	℥ - Scheme ⓉⓂ
		℥ - AppleScript	℥ - Dart X Ⓣ Ⓣ	℥ - GNU Guile ⓉⓂ	℥ - Javascript 🔧	PHP 🔧 future	℥ -Seed7 🔧 © Ⓢ X
		APL 🔧	℥ - Eiffel 🔧 Ⓢ Ⓢ	℥ - Gleam	℥ - Julia Ⓜ	℥ - Pike d Ⓛ Ⓢ	SQL 🔧
		℥ - Arc ⓉⓂ	℥ - Elm 🔧 Ⓣ	℥ - Go Ⓢ	Kotlin 🔧	Pony 🔧	℥ -Smalltalk 🔧 Ⓢ
		℥ - awk Ⓢ	℥ - Elixir ⓈⓂⓉⒶ	Groovy 🔧	℥ - LFE ⓈⓂⓉⒶ	℥ - Purescript 🔧 Ⓣ	℥ -Swift
		℥ - C Ⓢ	℥ - Emacs Lisp	℥ - Haskell Ⓣ	℥ -Lua Ⓣ Ⓢ Ⓟ	℥ - Python d Ⓟ Ⓢ	℥ - Tcl ⓉⓁ
		C# 🔧 future	℥ - Erlang ⓈⓉⒶ	Haxe 🔧	℥ - M4	R 🔧 Ⓢ Ⓟ Ⓣ X	℥ - Typescript 🔧
		℥ - C++ ⓈⓈ	℥ - Factor ⓀⓉ Ⓢ Ⓜ	℥ - Hy (python) Ⓜ	℥ -Modula	℥ - Racket ⓉⓂ	℥ - UNIX Shell
		℥ - C3 Ⓢ	FAUST 🔧 future		Mojo 🔧 future	℥ - ReasonML 🔧	℥ - V
Carbon 🔧 future Ⓢ	Fennel 🔧 future		℥ - NetRexx	Rebol 🔧	Vala 🔧 future		
	℥ - Chez ⓉⓂ	℥ - Forth Ⓚ		℥ - Nim ⓂⓈ	Red 🔧	℥ -Zig Ⓢ	
	℥ - Chibi ⓉⓂ	Fortran 🔧		℥ -Objective-C 🔧	℥ - REXX		
	℥ - Chicken ⓉⓂ			℥ - OCaml ⓁⓉ	Rocq 🔧 future		
	℥ - Clojure ⓉⓂ			℥ - Odin Ⓢ	℥ - Ruby		
	Common Lisp ⓉⓂ				℥ - Rust Ⓢ		