



























PEL Topics Index

Last updated on: 2025-09-16		Note: with PEL; type <f11> <f1> to open this PDF index.					
Emacs Reference Cards		Links to PDF version of official English version of the quick reference cards for GNU Emacs and popular external packages.					
		👉 With PEL, access these PDF cards from within Emacs with the <f11> ? e r key sequence. See ℥ Help/Info for more info.					
		Emacs	Calc	Gnus	Magit Cheatsheet	Org	Viper
Emacs survival card	Dired	Gnus booklet	Magit Ref-card		VIP		
<div>➤ PEL Overview<ul style="list-style-type: none">• PEL repo• PEL Readme• PEL Manual• PEL NEWS 📰• Discussions</div> <div><ul style="list-style-type: none">• PEL license• Emacs Mailing Lists• Emacs project repo• Contribute to Emacs</div>		This table holds links to all other PEL topic oriented PDF table files (hosted on Github). <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: GNU screen , Tmux</div> <div>Command Line Scripting Languages: bash, sh, zsh</div> <div>🐉: GNU readline, ls -l, ssh</div>	<div>General Info ➤</div> <div>Startup ➤</div> <div>PEL Code ➤</div>	<div>➤Legend</div>	<div>➤Recommended Emacs User Option</div>	<div>➤Themes</div>	<div>Migrate from CRiSP</div>		
			<div>Run Emacs daemon & clients 🍏 🐉</div>	<div> iMenu/Speedbar support</div>			
		<div>How to do it with PEL</div>	<div> PEL Naming Conventions</div>	<div> PEL Environment Variables</div>		<div> PEL utilities</div>	
<div>OS Desktop Key Bindings 📖</div> <div>(Bindings that don't clash with PEL)</div>		<div> macOS Fct Keys</div>	<div> macOS Keys</div>	<div> Mint 20 Desktop Keys</div>	<div> Ubuntu 16.04 Desktop Keys</div>		
			<div> terminal settings</div>	<div> Rocky Linux 8 Desktop Keys</div>			
<div> Feature Comparisons</div>		<div> Completion Modes Compatibility</div>	<div> Speedbar/iMenu Mode Compatibility</div>	<div> Shells/Terminals Comparisons</div>			
<div>Key Prefixes & Suffixes</div>		℥  Modifier Keys	℥  Numkeypad	 Keys - Fn	 Keys - F11	Keys - F12 ➤ PEL	
<div>℥ Emacs Manual , Guided Tour of Emacs.</div> <div><ul style="list-style-type: none">• Mastering Emacs , Awesome-Emacs• MELPA 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.</div> <div>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 Keys• Numeric Arguments</div> <div>You can also:</div> <div><ul style="list-style-type: none">• Run Command by Name</div>		Cells link titles starting with only ℥ are Emacs generic features, blue links are external packages. The green links are mostly PEL extensions.					
		℥ Abbreviations	℥ Diff & Merge	℥ Grep	℥ Marking	℥ Scrolling	℥ Tab Bar
		℥ Align	℥ Dired	℥ Help/Info	℥ Menus	℥ Search/Replace	T Templates
		℥ Auto-Completion	℥ Display - Lines	℥ Hide/Show	℥ Mode Line	℥ Sessions	℥ Text Modes
		℥ Autosave/Backup	℥ Drawing	℥ Highlight (colors)	℥ Mouse	℥ start Shells/REPLs	℥ Time Tracking
		℥ Bookmarks	℥ Enriched Text	℥ ibuffer-mode	℥ Narrowing	℥ shell-mode	℥ Tramp 📡
		℥ Buffers	℥ Execute Cmds	℥ Indentation	℥ Navigation	℥ term-mode	℥ Transpose text
		℥ Case Conversions	℥ Exec Shell Cmds	℥ Input Method	℥ Object Files	℥ eat-mode	℥ X Treemacs
		℥ Close/Suspend	℥ Faces/Fonts	℥ Inserting Text	℥ Outline	℥ vterm-mode	℥ Undo/Redo/Repeat
		℥ Comments	℥ P Fast Startup	℥ Key-Chords	℥ Packages	℥ X Smartparens	℥ VCS-Git xMagit
		℥ Compilation Mode	℥ File Encoding	℥ Keyboard Macros	℥ X Projectile	℥ Sorting	℥ VCS-Mercurial
		℥ Completion/Input	℥ File-mngt	℥ X - Lispy	℥ Recursive Edit	℥ Speedbar	℥ VCS-Subversion
		℥ Counting	℥ File/Dir Variables		℥ Rectangles	℥ Spell Checking	℥ Web
		℥ M CUA	℥ Fill/Justify		℥ Registers	℥ SyntaxCheck	℥ Whitespace
		℥ Cursor	℥ Frames				℥ Windows
		℥ Customize					℥ Xref - Cross Refs
		℥ Cut & Paste					
<div>🐉 - Emacs Lisp concepts & tools</div>		🐉 display-buffer	🐉 - ELisp Types	🐉 ERT (reg ^r -testing)	🐉 Hooks		
<div>Other tools extending Emacs functionalities</div>	Parsing tools:	 Language Servers	 Tree-sitter				
	℥ Xref Tools :	 Xref-Support	 Xref-Frontend	 Xref-Backend			 Indentation Styles
Build Tools & Preprocessor		℥ - CMake 🛠️	℥ - M4	℥ - Make gmake	℥ - Nix	℥ - Tup	
Data Serialization & Modelling		Ⓓ CWL	Ⓓ YAML		Ⓔ ASN.1 asn1-mode	Ⓔ MIB snmp-mode	Ⓔ YANG
Other File Formats		℥ Changelog Files	Config/ini/toml... Files	RFC (RFC @ Wikipedia)	RPM Files 🐉 (spec file format)		SSH files 🐉 ssh
Hardware Description Languages		℥ Verilog 🛠️	℥ VHDL 🛠️	 Language Server & Tools for HDL 🛠️			℥ X.509 Certificates
Lightweight Markup Languages		℥ AsciiDoc	℥ Markdown	℥ Org-Mode	℥ reStructuredText		
<div>• Graphics Markup</div>		℥ Graphviz Dot	℥ MscGen	℥ PlantUML			
<div>Programming Languages Main Paradigm of Programming Languages<ul style="list-style-type: none">• <i>Actor Model</i>: Ⓐ <i>Array</i> ⓧ• <i>Concatenative</i> Ⓚ <i>Concurrent</i>: ©• <i>Domain Specific</i> Ⓓ• <i>Dynamic</i> <i>d</i> <i>Extensible</i> ©• <i>Functional</i>: Ⓣ <i>Pure</i>: Ⓟ• <i>Generic</i> Ⓢ• <i>Imperative</i>: Ⓛ or no token• <i>Object Oriented</i> Ⓢ <i>Procedural</i> Ⓟ• <i>Has Syntactic Macros</i>: Ⓜ• <i>Multi-paradigm</i> ➤ <i>Reflective</i> • <i>System Level</i> Ⓢ</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>		Emacs has major mode support for several programming languages. PEL extends Emacs support for some of them (others are marked 🛠️).					
		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
		℥ - Ada 🛠️ ➤ Ⓢ	℥ - D Ⓛ Ⓣ Ⓐ	℥ - Gambit Ⓣ Ⓜ	℥ - Janet Ⓛ Ⓣ Ⓜ	℥ - Pascal	Scala 🛠️
		℥  AppleScript	Dart 🛠️	℥ - Gerbil Ⓣ Ⓜ Ⓐ	Java 🛠️	℥ - Perl (perl5)	℥ - Scheme Ⓣ Ⓜ
		APL 🛠️	℥ - Eiffel 🛠️ Ⓢ Ⓢ	℥ - GNU Guile Ⓣ Ⓜ	℥ - Javascript 🛠️	℥ - Pike <i>d</i> Ⓛ Ⓢ Ⓢ	℥ - Seed7 🛠️ Ⓢ Ⓢ ➤
		℥ - Arc Ⓣ Ⓜ	℥ - Elm 🛠️ Ⓣ	℥ - Gleam	℥ - Julia Ⓜ	℥ - Python <i>d</i> Ⓢ Ⓢ Ⓢ	℥ - Smalltalk 🛠️ Ⓢ
		℥ - awk Ⓓ	℥ - Elixir Ⓢ Ⓣ Ⓣ Ⓐ	℥ - Go Ⓢ	Kotlin 🛠️	℥ - Purescript 🛠️ Ⓣ	℥ - Swift
		℥ - C Ⓢ	℥ - Emacs Lisp	Groovy 🛠️	℥ - LFE Ⓢ Ⓣ Ⓣ Ⓐ	R 🛠️ Ⓢ Ⓢ Ⓢ Ⓢ	℥ - Tcl Ⓣ Ⓛ
		℥ - C++ Ⓢ Ⓢ	℥ - Erlang Ⓢ Ⓣ Ⓐ	℥ - Haskell Ⓣ	℥ - Lua Ⓣ Ⓢ Ⓢ	℥ - Racket Ⓣ Ⓜ	℥ - Typescript 🛠️
		Carbon 🛠️ future Ⓢ	℥ - Factor Ⓢ Ⓣ Ⓢ Ⓢ Ⓢ	Haxe 🛠️	- Modula	℥ - ReasonML 🛠️	℥ - UNIX Shell
		℥ - Chez Ⓣ Ⓜ	℥ - Forth Ⓢ	℥ - Hy (python) Ⓜ	℥ - NetRexx	℥ - REXX	℥ - V
		℥ - Chibi Ⓣ Ⓜ	Fortran 🛠️		℥ - Nim Ⓜ Ⓢ	℥ - Ruby	℥ - Zig Ⓢ
		℥ - Chicken Ⓣ Ⓜ			℥ - Objective-C 🛠️	℥ - Rust Ⓢ	
		℥ - Clojure Ⓣ Ⓜ			℥ - OCaml Ⓛ Ⓣ		
		Common Lisp Ⓣ Ⓜ			℥ - Odin Ⓢ		
		Crystal 🛠️					
<div>Future support for APL, Carbon, Crystal, Dart, Elm, Groovy, Haxe, Kotlin, Purescript, ReasonML, Scala, Typescript and documentation of support for Fortran, Javascript, Java, Modula, (based on my need for them or requests).</div>							