PEL Topics Index

Emacs Reference Cards ☝ With PEL you can access these via the `<f11> ? e r` key sequence. See ∑ Help/Info	These are links to the PDF version of official English version of the quick reference cards for **GNU Emacs** and popular external packages. PEL documents Emacs key bindings as well, these cards provide useful complement to what PEL provides.					
	Emacs	**Calc**	**Gnus**	**Magit Cheatsheet**	**Org**	**Viper**
	Emacs survival card	**Dired**	**Gnus booklet**	**Magit Ref-card**		**VIP**
➢ PEL Overview • PEL repo • PEL Readme • PEL Manual	This table holds links to the PEL tables. Each cell holds a hyperlink to the GitHub hosted raw PDF table. ☝ For the best user experience, use a browser that can render PDF directly instead of downloading. • Firefox does that. You may need to activate a plug-in for other browsers. • With that in place, you can browse through all the PDFs quickly and reach a vast amount of information. ☝ From within Emacs open this topic index PDF by typing the `<f11> ? <f1>` key sequence. ☝ The symbols, colour coding and various other conventions are described in the ➢Legend PDF.					
• General Information.	**➢Legend**	**➢Recommended Emacs User Option**		**➢Themes**		
• Development Information	**➢PEL**	**💻iMenu/Speedbar support**		**💻PEL Naming Conventions**		
• Migration Guide	**➢CRiSP ⇔ Emacs**					
** macOS Specific**						
	** macOS Keys**	** terminal settings**				
🚦 Feature Comparisons						
	🚦 Completion Modes Compatibility		**🚦 Speedbar/iMenu Mode Compatibility**		**🚦 Shells/Terminals Comparisons**	
Key Prefixes & Suffixes						
	∑ ⌨ Modifier Keys		**∑⌨ Numkeypad**	**➢PEL**	**⌨Keys - Fn**	**⌨Keys - F11**
∑ Emacs Features	The links that start with only ∑ are built-in Emacs, the links that are blue are external packages.					
These PEL tables describe the Emacs commands and key bindings for generic concepts and features.	**∑ Abbreviations**	**∑Ɱ CUA**	**∑ File/Directory Variables**	**∑ Keyboard Macros**	**∑ Registers**	**∑ Text Modes**
	∑ Align	**∑ Cursor**	**∑ Filling/ Justification**	**𝔓𝔩- Lispy**	**∑ Scrolling**	**∑ Transpose**
Emacs uses a concept of modes. See: • Emacs Major and Minor Modes • Major Modes • Minor Modes • Choosing Modes PEL provides several key sequences to toggle minor modes, described in the relevant PDFs.	**∑ Auto-Completion**	**∑ Customize**	**∑ Frames**	**∑ Marking**	**∑ Search/Replace**	**∑𝔛 Treemacs**
	∑ Autosave/Backup	**∑ Cut & Paste**	**∑ Grep**	**∑ Menus**	∑ Semantic	**∑ Undo/Redo/ Repeat/Arg**
	∑ Bookmarks	**∑ Diff & Merge**	**∑ Help/Info**	**∑ Mode Line**	**∑ Sessions**	**∑ VCS-Mercurial**
	∑ Buffers	**∑ Dired**	**∑ Hide/Show**	**∑ Mouse**	**∑ Shells**, REPLs & terminal emulators	**∑ Web**
Emacs commands can be executed by name or bound to key sequences. The commands may have arguments and keys can express them. See: • Emacs Keys	**∑ Case Conversions**	**∑ Display - Lines**	**∑ Highlight**	**∑ Narrowing**	**∑ Sorting**	**∑ Whitespace**
	∑ Closing/ Suspending	**∑ Drawing**	**∑ ibuffer-mode**	**∑ Navigation**	**∑ Speedbar**	**∑ Windows**
	∑ Comments	**∑ Enriched Text**	**∑ Indentation**	**∑ Packages**	**∑ Spell Checking**	**∑ Xref - Cross References**
	∑ Completion/Input	**∑ Faces/Fonts**	**∑ Inserting Text**	**∑ Projectile**	**∑ SyntaxCheck**	
	∑ Counting	**∑ File-mngt**	**∑ Key-Chords**	**∑ Rectangles**	**T Templates**	
XRef - Cross Reference Tools	Emacs supports various cross reference mechanisms described in the ∑ Xref table. These mechanisms take advantage of various external tools and integrate with them. Notes about those tools are available in the tables listed in this section. 🚧 This is work in progress.					
	🚦 Xref-Support	**🚦 Xref-Backend**				
Build Tools	PEL has support for several build tools but they are not all documented in a page. Aside from the list below, PEL supports installation and partial setup of the following tools: • Nix 📦 Requires **nix-mode** external package ☑ activated when **pel-use-nix-mode** user-option is tuned on. • Tup 📦 Requires **tup-mode** external package ☑ activated when **pel-use-tup** user-option is tuned on.					
	𝔓𝔩 - Make					
Data Serialization Languages						
	Ⓓ CWL	**Ⓓ YAML**				
Markup Languages						
	Ɱ AsciiDoc	**Ɱ Graphviz Dot**	**Ɱ Markdown**	**Ɱ Outline/Org-Mode**	**Ɱ PlantUML**	**Ɱ reStructuredText**
Programming Languages	Emacs has support for several programming languages. PEL currently adds extra support for some of them, listed below. The number of programming languages supported explicitly by PEL will grow over time.					
𝔏𝔓𝔩 - Emacs Lisp concepts & Tools	**𝔏 ERT**	**𝔏 Hooks**				
Programming Language Families	**BEAM Programming Languages**	***Functional Languages*** ⓕ/Ⓕ	**Javascript target**	**Lisp Family Languages**	**Command Line Scripting Languages**	
	Curly Bracket Languages	**Java Virtual Machine Languages**	**ML Family Languages**	**Stack Based Languages**	**OS App Control Scripting Languages**	
All Programming Languages • The programming languages supported by PEL are listed here in alphabetical order. • PEL also provides basic support for other programming languages not listed here. • Emacs supports other programming languages directly, not listed here.	The following lists the programming languages in alphabetical order. • The cell colours give a coarse indication of the programming language family(ies).					
	𝔓𝔩- AppleScript	**𝔓𝔩 - D**	**𝔓𝔩 - Go**	**𝔓𝔩 - Julia**	**𝔓𝔩 - Perl**	**𝔓𝔩 - Scheme** ⓕ
	𝔓𝔩 - C	**𝔓𝔩 - Elixir** ⓕ	**𝔓𝔩 - Gleam**	**𝔓𝔩 - LFE**	**𝔓𝔩 - Python**	**𝔓𝔩 - UNIX Shell**
	𝔓𝔩 - C++	**𝔏𝔓𝔩 - Emacs Lisp**	**𝔓𝔩 - Haskell** Ⓕ	**𝔓𝔩 - NetRexx**	**𝔓𝔩 - REXX**	**𝔓𝔩 - V**
	𝔓𝔩 - Clojure ⓕ	**𝔓𝔩 - Erlang** ⓕ	**𝔓𝔩 - Hy**	**𝔓𝔩 - Nim**	**𝔓𝔩 - Ruby**	
	𝔓𝔩 - Common Lispⓕ	**𝔓𝔩 - Forth**	**𝔓𝔩 - Javascript**	**𝔓𝔩 - OCaml** ⓕ	**𝔓𝔩 - Rust**	
Upcoming support	**𝔓𝔩 - Elm** Ⓕ	**𝔓𝔩 - Purescript** Ⓕ	**𝔓𝔩 - ReasonML**	**𝔓𝔩 - Typescript**		