

PEL Topics Index

<div>Emacs Reference Cards</div> <div>👉 With PEL you can access these via the <code>&lt;f11&gt; ? e r</code> key sequence. See 🔗 <a href="#">Help/Info</a></div>		<div>These are links to the PDF version of official English version of the quick reference cards for <a href="#">GNU Emacs</a> and popular external packages. PEL documents Emacs key bindings as well, these cards provide useful complement to what PEL provides.</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"><li>• <a href="#">PEL repo</a></li><li>• <a href="#">PEL Readme</a></li><li>• <a href="#">PEL Manual</a></li></ul><div><ul style="list-style-type: none"><li>• General Information.</li><li>• Development Information</li><li>• Migration Guide</li></ul></div></div>		<div>This table holds links to the <a href="#">PEL file tables</a>. Each cell holds a hyperlink to the GitHub hosted raw PDF table.</div> <div>👉 For the best user experience, use a browser that can render PDF directly instead of downloading.<ul style="list-style-type: none"><li>• <a href="#">Mozilla Firefox</a> (version &gt; 78) does that perfectly. You may need to activate a plug-in for other browsers.</li><li>• With that in place, you can browse through all the PDFs quickly and reach a vast amount of information quickly.</li></ul></div> <div>👉 From within Emacs open this topic index PDF by typing the <code>&lt;f11&gt; ? &lt;f1&gt;</code> key sequence.</div> <div>👉 The symbols, <a href="#">colour coding</a> and various other conventions are described in the <a href="#">➤Legend</a> PDF.</div> <table><tr><td>➤<a href="#">Legend</a></td><td>➤<a href="#">Recommended Emacs User Option</a></td><td colspan="2">➤<a href="#">Themes</a></td><td></td><td></td></tr><tr><td>➤<a href="#">PEL</a></td><td>🖥️ <a href="#">iMenu/Speedbar support</a></td><td colspan="2">🖥️ <a href="#">PEL Naming Conventions</a></td><td></td><td></td></tr><tr><td>➤<a href="#">CRiSP</a> ↔ <a href="#">Emacs</a></td><td></td><td></td><td></td><td></td><td></td></tr></table>					➤ <a href="#">Legend</a>	➤ <a href="#">Recommended Emacs User Option</a>	➤ <a href="#">Themes</a>				➤ <a href="#">PEL</a>	🖥️ <a href="#">iMenu/Speedbar support</a>	🖥️ <a href="#">PEL Naming Conventions</a>				➤ <a href="#">CRiSP</a> ↔ <a href="#">Emacs</a>																																																											
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<div>🔗 Emacs Features</div> <div>See a <a href="#">Guided Tour of Emacs</a>.</div> <div>The PEL tables named at right describe the Emacs commands and key bindings for generic Emacs concepts and features.</div> <div>Emacs commands can be executed by name or bound to key sequences. The commands may have arguments and keys can express them. See:<ul style="list-style-type: none"><li>• <a href="#">Emacs Keys</a></li></ul></div> <div>Emacs uses a concept of modes. See:<ul style="list-style-type: none"><li>• <a href="#">Emacs Major and Minor Modes</a></li><li>• <a href="#">Major Modes</a></li><li>• <a href="#">Minor Modes</a></li><li>• <a href="#">Choosing Modes</a></li></ul></div> <div>PEL provides several key sequences to toggle minor modes, described in the relevant PDFs.</div>		<div>The links that start with only 🔗 Emacs generic features, the blue links are external packages. The green links are mostly PEL extensions.</div> <table><tr><td>🔗 <a href="#">Abbreviations</a></td><td>🔗 <a href="#">Cursor</a></td><td>🔗 <a href="#">Filling/Justification</a></td><td>🔗🔗 <a href="#">X- Lisp</a></td><td>🔗 <a href="#">Scrolling</a></td><td>🔗 <a href="#">Time Tracking</a></td></tr><tr><td>🔗 <a href="#">Align</a></td><td>🔗 <a href="#">Customize</a></td><td>🔗 <a href="#">Frames</a></td><td>🔗 <a href="#">Marking</a></td><td>🔗 <a href="#">Search/Replace</a></td><td>🔗 <a href="#">Transpose</a></td></tr><tr><td>🔗 <a href="#">Auto-Completion</a></td><td>🔗 <a href="#">Cut &amp; Paste</a></td><td>🔗 <a href="#">Grep</a></td><td>🔗 <a href="#">Menus</a></td><td>🔗 <a href="#">Semantic</a></td><td>🔗🔗 <a href="#">Treemacs</a></td></tr><tr><td>🔗 <a href="#">Autosave/Backup</a></td><td>🔗 <a href="#">Diff &amp; Merge</a></td><td>🔗 <a href="#">Help/Info</a></td><td>🔗 <a href="#">Mode Line</a></td><td>🔗 <a href="#">Sessions</a></td><td>🔗 <a href="#">Undo/Redo/Repeat/Arg</a></td></tr><tr><td>🔗 <a href="#">Bookmarks</a></td><td>🔗 <a href="#">Dired</a></td><td>🔗 <a href="#">Hide/Show</a></td><td>🔗 <a href="#">Mouse</a></td><td>🔗 <a href="#">Shells</a>, REPLs &amp; 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<div>🔗🔗 - Emacs Lisp concepts &amp; tools</div>		<div>🔗 <a href="#">ERT</a> (Emacs Lisp Regression Testing)</div>		<div>🔗 <a href="#">Hooks</a></div>		<div>🔗🔗 - Emacs Lisp Types</div>																																																																								
<div>XRef - Cross Reference Tools</div> <div>See also: 🔗 <a href="#">Xref</a></div>		<div>Emacs supports various cross reference mechanisms described in the 🔗 <a href="#">Xref</a> 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.</div> <table><tr><td>🔌 <a href="#">Xref-Support</a></td><td>🔌 <a href="#">Xref-Backend</a></td><td></td><td></td><td></td><td></td></tr></table>					🔌 <a href="#">Xref-Support</a>	🔌 <a href="#">Xref-Backend</a>																																																																						
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<div>Build Tools</div>		<div>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:</div> <div><ul style="list-style-type: none"><li>• <a href="#">Nix</a> 📦 Requires <a href="#">nix-mode</a> external package <a href="#">🔗</a> activated when <a href="#">pel-use-nix-mode</a> user-option is tuned on.</li><li>• <a href="#">Tup</a> 📦 Requires <a href="#">tup-mode</a> external package <a href="#">🔗</a> activated when <a href="#">pel-use-tup</a> user-option is tuned on.</li></ul></div> <table><tr><td>🔗 - <a href="#">Make</a></td><td></td><td></td><td></td><td></td><td></td></tr></table>					🔗 - <a href="#">Make</a>																																																																							
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<div>Data Modelling/ Specification</div>		<div>📄 ASN.1 <a href="#">asn1-mode</a></div>		<div>📄 MIB <a href="#">snmp-mode</a></div>	<div>📄 <a href="#">YANG</a></div>																																																																									
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<div>Programming Languages</div> <div>Main Paradigm of Programming Language Families<ul style="list-style-type: none"><li>• <a href="#">Actor Model</a>: Ⓐ</li><li>• <a href="#">Concatenative</a> Ⓚ</li><li>• <a href="#">Concurrent</a>: Ⓒ</li><li>• <a href="#">Functional</a>: Ⓕ <a href="#">Pure</a>: Ⓔ</li><li>• <a href="#">Imperative</a>: Ⓛ <a href="#">or no token</a></li><li>• <a href="#">Has Syntactic Macros</a>: Ⓜ</li></ul></div> <div><ul style="list-style-type: none"><li>• The programming languages supported by PEL are listed here in alphabetical order.</li><li>• PEL also provides basic support for other programming languages not listed here.</li><li>• Emacs supports other programming languages directly, not listed here.</li></ul></div> <div>Upcoming support for Elm, Purescript, ReasonML, Typescript and documentation of support for Javascript.</div>		<div>Emacs has major mode support for several programming languages. PEL currently adds extra support for some of them, listed below.</div> <ul style="list-style-type: none"><li>• The number of programming languages supported explicitly by PEL will grow over time.</li></ul> <table><tr><td>BEAM Programming Languages</td><td><a href="#">Functional Languages</a></td><td>Javascript target</td><td>Lisp Family Languages</td><td>Lisp-like Languages</td><td>Command Line Scripting Languages</td></tr><tr><td>Curly Bracket Languages</td><td>Java Virtual Machine Languages</td><td>ML Family Languages</td><td>Scheme Language Dialects</td><td>Stack Based Languages</td><td>OS App Control Scripting Languages</td></tr></table> <div>The following lists the programming languages in alphabetical order.</div> <ul style="list-style-type: none"><li>• The cell colours give a coarse indication of the programming language family(ies).</li></ul> <table><tr><td>🔗🍏 - <a href="#">AppleScript</a></td><td>🔗 - <a href="#">Clojure</a> ⒻⓂ</td><td>🔗 - <a href="#">Forth</a> Ⓚ</td><td>🔗 - <a href="#">Hy</a> (python) Ⓜ</td><td>🔗 - <a href="#">OCaml</a> ⓁⒻ</td><td>🔗 - <a href="#">Ruby</a></td></tr><tr><td>🔗 - <a href="#">Arc</a> ⒻⓂ</td><td>Common Lisp ⒻⓂ</td><td>🔗 - <a href="#">Gambit</a> ⒻⓂ</td><td>🔗 - <a href="#">Janet</a> ⓁⒻⓂ</td><td>🔗 - <a href="#">Perl</a></td><td>🔗 - <a href="#">Rust</a></td></tr><tr><td>🔗 - <a href="#">C</a></td><td>🔗 - <a href="#">D</a> ⓁⒻⒶ</td><td>🔗 - <a href="#">Gerbil</a> ⒻⓂⒶ</td><td>🔗 - <a href="#">Javascript</a></td><td>🔗 - <a href="#">Python</a></td><td>🔗 - <a href="#">Scheme</a> ⒻⓂ</td></tr><tr><td>🔗 - <a href="#">C++</a></td><td>🔗 - <a href="#">Elm</a> Ⓔ</td><td>🔗 - <a href="#">GNU Guile</a> ⒻⓂ</td><td>🔗 - <a href="#">Julia</a> Ⓜ</td><td>🔗 - <a href="#">Purescript</a> Ⓔ</td><td>🔗 - <a href="#">Typescript</a></td></tr><tr><td>🔗 - <a href="#">Chez</a> ⒻⓂ</td><td>🔗 - <a href="#">Elixir</a> ⒸⓂⒻⒶ</td><td>🔗 - <a href="#">Gleam</a></td><td>🔗 - <a href="#">LFE</a> ⒸⓂⒻⒶ</td><td>🔗 - <a href="#">Racket</a> ⒻⓂ</td><td>🔗 - <a href="#">UNIX Shell</a></td></tr><tr><td>🔗 - <a href="#">Chibi</a> ⒻⓂ</td><td>🔗🔗 - <a href="#">Emacs Lisp</a></td><td>🔗 - <a href="#">Go</a></td><td>🔗 - <a href="#">NetRexx</a></td><td>🔗 - <a href="#">ReasonML</a></td><td>🔗 - <a href="#">V</a></td></tr><tr><td>🔗 - <a href="#">Chicken</a> ⒻⓂ</td><td>🔗 - <a href="#">Erlang</a> ⒸⒻⒶ</td><td>🔗 - <a href="#">Haskell</a> Ⓔ</td><td>🔗 - <a href="#">Nim</a> Ⓜ</td><td>🔗 - <a href="#">REXX</a></td><td></td></tr></table>					BEAM Programming Languages	<a href="#">Functional Languages</a>	Javascript target	Lisp Family Languages	Lisp-like Languages	Command Line Scripting Languages	Curly Bracket Languages	Java Virtual Machine Languages	ML Family Languages	Scheme Language Dialects	Stack Based Languages	OS App Control Scripting Languages	🔗🍏 - <a href="#">AppleScript</a>	🔗 - <a href="#">Clojure</a> ⒻⓂ	🔗 - <a href="#">Forth</a> Ⓚ	🔗 - <a href="#">Hy</a> (python) Ⓜ	🔗 - <a href="#">OCaml</a> ⓁⒻ	🔗 - <a href="#">Ruby</a>	🔗 - <a href="#">Arc</a> ⒻⓂ	Common Lisp ⒻⓂ	🔗 - <a href="#">Gambit</a> ⒻⓂ	🔗 - <a href="#">Janet</a> ⓁⒻⓂ	🔗 - <a href="#">Perl</a>	🔗 - <a href="#">Rust</a>	🔗 - <a href="#">C</a>	🔗 - <a href="#">D</a> ⓁⒻⒶ	🔗 - <a href="#">Gerbil</a> ⒻⓂⒶ	🔗 - <a href="#">Javascript</a>	🔗 - <a href="#">Python</a>	🔗 - <a href="#">Scheme</a> ⒻⓂ	🔗 - <a href="#">C++</a>	🔗 - <a href="#">Elm</a> Ⓔ	🔗 - <a href="#">GNU Guile</a> ⒻⓂ	🔗 - <a href="#">Julia</a> Ⓜ	🔗 - <a href="#">Purescript</a> Ⓔ	🔗 - <a href="#">Typescript</a>	🔗 - <a href="#">Chez</a> ⒻⓂ	🔗 - <a href="#">Elixir</a> ⒸⓂⒻⒶ	🔗 - <a href="#">Gleam</a>	🔗 - <a href="#">LFE</a> ⒸⓂⒻⒶ	🔗 - <a href="#">Racket</a> ⒻⓂ	🔗 - <a href="#">UNIX Shell</a>	🔗 - <a href="#">Chibi</a> ⒻⓂ	🔗🔗 - <a href="#">Emacs Lisp</a>	🔗 - <a href="#">Go</a>	🔗 - <a href="#">NetRexx</a>	🔗 - <a href="#">ReasonML</a>	🔗 - <a href="#">V</a>	🔗 - <a href="#">Chicken</a> ⒻⓂ	🔗 - <a href="#">Erlang</a> ⒸⒻⒶ	🔗 - <a href="#">Haskell</a> Ⓔ	🔗 - <a href="#">Nim</a> Ⓜ	🔗 - <a href="#">REXX</a>																			
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