PEL Topics Index

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	Last updated on:	2024-10-27		Note: with PEI	L, type < <u>f11> <f1></f1></u>	o open this PDF index.	
Emacs Reference Cards					IU Emacs and popular e	external packages.	
d With PEL you can access these via the			nese cards provide usefu		1 -		
<pre><f11> ? e r key sequence. See ∑ Help/Info</f11></pre>	<u>Emacs</u>	Calc	Gnus	Magit Cheatsheet	Org	<u>Viper</u>	
	Emacs survival card	Dired	Gnus booklet	Magit Ref-card		VIP	
 PEL Overview (license) This table holds links to the PEL file 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. 							
PEL Readme	 For the best user experience, use a browser that can render PDF directly instead of downloading. Mozilla Firefox (version > 78) does that perfectly. You may need to activate a plug-in for other browsers. 						
• PEL Manual	• With that in place, you can browse through all the PDFs and reach a vast amount of information quickly. PEL NEWS From within Emacs open this topic index PDF by typing the <f11>? <f1> key sequence. More help topics with <f11>? p keys.</f11></f1></f11>						
• Discussions	<u> </u>	lour coding and various other conventions are described in the <u>▶Legend</u> PDF.				<u> </u>	
General Information.	≻Legend	≻Recommended Em		≻Themes	Migrate from CRiSP		
Startup			<u> </u>	iMenu/Speedbar su			
,		Run Emacs daemon & clients		_		_	
Development Information	<u>≻PEL</u>	PEL Naming Conventions		PEL Environment Variables		PEL utilities	
OS Desktop Key Bindings (Bindings that don't clash with PEL)		<u>↑ macOS Keys</u>		10.04 Desk	top Keys		
		€ terminal settings	Rocky Linux 8 Desktop Keys				
A 5	♣ Completion Modes	Compatibility	A Speedbar/iManu N	Anda Campatibility	Shells/Terminals C	amnariaana	
Feature Comparisons		Compatibility	Speedbar/iMenu N				
Key Prefixes & Suffixes	<u>∑</u> Modifier Keys		Numkeypad	<u>≻PEL</u>	Keys - Fn	Keys - F11	
 Emacs Features A Guided Tour of Emacs. Awesome-Emacs 	1		generic features, blue link		s. The green links are mo	•	
	∑ Abbreviations	∑ Diff & Merge	<u>∑ Grep</u>	∑ Marking	∑ Scrolling	∑ Tab Bar	
MELPA and GNU ELPA	<u>∑ Align</u>	<u>∑ Dired</u>	∑ Help/Info	<u>» Menus</u>	∑ Search/Replace	T Templates	
The tables listed at right describe Emacs commands & key bindings for concepts &	∑ Auto-Completion	∑ Display - Lines	∑ Hide/Show	∑ Mode Line	∑ Sessions	∑ Text Modes	
features. The cell is light-blue for major mode,	∑ Autosave/Backup	∑ Drawing	<u>∑ Highlight</u> (colors)	<u>∑ Mouse</u>	∑ start Shells/REPLs	∑ Time Tracking	
light-red for minor mode specific concepts. Emacs commands can be executed by name	<u> ℤ Bookmarks</u>	∑ Enriched Text	<u>∑ ibuffer-mode</u>	∑ Narrowing	∑ shell-mode	<u>∑ Tramp</u>	
or bound to key sequences. They describe the commands, their <u>arguments</u> and the key	<u>∑ Buffers</u>	∑ Faces/Fonts	∑ Indentation	Navigation Navigation	<u> ℤ term-mode</u>	∑ Transpose text	
sequences bound to them.	∑ Case Conversions	<u>∞P Fast Startup</u>	∑ Input Method	∑ Object Files	<u>∑ eat-mode</u>	<u>∑X Treemacs</u>	
Emacs Keys Numeric Arguments	∑ Close/Suspend	∑ File Encoding	∑ Inserting Text	∑ Outline	<u> ▼ vterm-mode</u>	∑ Undo/Redo	
You can also: Run Command by Name	∑ Comments	∑ File-mngt	∑ Key-Chords	∑ Packages	<u>∑X Smartparens</u>	∑ VCS-Git XMagit	
Emacs uses a concept of modes:	∑ Completion/Input	∑ File/Dir Variables	∑ Keyboard Macros	∑X Projectile	∑ Sorting	∑ VCS-Mercurial	
Emacs Major and Minor Modes	∑ Counting	∑ Fill/Justify	<u>Φίχ- Lispy</u>	∑ Rectangles	∑ Speedbar	∑ VCS-Subversion	
Major ModesMinor Modes	Σ <u>M</u> CUA	<u>∑ Frames</u>		<u>∑ Registers</u>	∑ Spell Checking	∑ Web	
 Choosing Modes PEL provides several key sequences to toggle 	∑ Cursor				∑ SyntaxCheck	∑ Whitespace	
minor modes.	∑ Customize ∑ Cut & Paste					∑ Windows ∑ Xref - Cross Refs	
fmy Fmlin 0 tools			£ FDT (to -tio-r)	-£ 111		<u>z Arei</u> - Cross neis	
<u>≰Ņĭ - Emacs Lisp</u> concepts & tools	<u> </u>	<u> </u>	<u>≴ ERT</u> (regr-testing)	<u>≴ Hooks</u>			
XRef - Cross Reference Tools See also: ∑ Xref	Emacs supports various cross reference mechanisms described in the X 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.						
	Xref-Support	3 Xref-Frontend	Xref-Backend				
PEL supports installation and partial setup of	PEL has support for several build tools but they are not all documented in a page. Command Line Scripting						
the following tools: • Nix • Nix • Requires nix-mode • external package • Tup • Tup • Requires tup-mode • external package • Tup • Tup • Requires tup-mode • external package • Tup • Tu						Languages:	
Build Tools & Preprocessor				len per-use-tup user-op	tion is tuned on.	bash, sh, zsh	
	Pũ - CMake ##	<u>₽</u>	<u>Př - Make</u> gmake			Littlife or ONU Lors a suite a	
Data Serialization	© CWL	① YAML				Utility: GNU readline	
Data Modelling/ Specification	S ASN.1 asn1-mode	S MIB snmp-mode	<u>S</u> YANG			<u>ls -l</u>	
Other File Formats		RPM Files	M X.509 Certificates				
Hardware Description Languages	Verilog 🚧	VHDL 🚧					
Text Markup Languages	M AsciiDoc	M Markdown	M Org-Mode	M reStructuredText		OS App Control	
Toxt Markap Languages						Scripting Languages	
Graphics Markup	M Graphviz Dot	<u>M MscGen</u>	<u>M PlantUML</u>			ஷீட்க- AppleScript	
Programming Languages Emacs has major mode support for several programming languages. PEL extends Emacs support for some of them (others are marked							
Main Paradigm of Programming Language Families	BEAM Programming	<u>Functional</u>	Javascript target	Lisp Family	Lisp-like Languages		
Actor Model: Concatenative (K)	Languages	<u>Languages</u>		<u>Languages</u>			
• Concurrent: ©	Curly Bracket	Java Virtual Machine		Scheme Language	Stack Based		
Domain Specific	Languages	Languages	Languages	Dialects	Languages		
• Dynamic d	Languages Cell colours identifies t	Languages he programming language	Languages ge family(ies).	<u>Dialects</u>	Languages		
• Dynamic A • Functional: ① Pure: ②		Languages he programming languag PL - D ①①A		Dialects PL - Janet ①① Dialects	Cobjective-C	Scala ##	
Functional: ① Pure: © Imperative: ① or no token	Cell colours identifies t	he programming language Pt - D (FA)	ge family(ies). Pi - Gambit 🗇	μι - Janet ①fm	Objective-C		
• Functional: ① Pure: ②	Cell colours identifies t Ada PL-Arc Pm	he programming language	ge family(ies). PL-Gambit	<u>PI - Janet</u> ①⊕® Java ** **		Scala ## PI - Scheme ① Seed7 ###	
Functional: ① Pure: ② Imperative: ① or no token Object Oriented ② Procedural ② Has Syntactic Macros: ⑩	Cell colours identifies t Ada ### \$\mathbb{Pl-Arc} \text{ fm} \$\mathbb{Pl-awk} \text{ d}	ne programming languag	ge family(ies). \$\frac{\partial \text{Cambit}}{\partial \text{Com}} \text{Com}\$ \$\frac{\partial \text{Cambit}}{\partial \text{Com}} \text{Com}\$ \$\frac{\partial \text{Conv} \text{Couile}}{\partial \text{Conv} \text{Couile}} \text{Com}\$	\$\text{91} - Janet	Objective-C ## \$\text{NI - OCaml} \tag{OF} Pascal ##	<u>Pl - Scheme</u> ⊕® Seed7 ₩	
Functional: ① Pure: ② Imperative: ① or no token Object Oriented ② Procedural ② Has Syntactic Macros: ⑪ System Level ③	Cell colours identifies t Ada \$\mathbb{P}\tilde{L} - Arc	PL - D () () () () () () () () () () () () ()	ge family(ies). \$\text{PL} - \text{Gambit} \tag{Tm}\$ \$\text{Pm} \tag{PL} - \text{Gerbil} \tag{Tm} \tag{Pm}\$ \$\text{PL} - \text{GNU Guile} \tag{Tm}\$ \$\text{Pm} \tag{PL} - \text{Gleam}\$	\$\textit{9}\textit{L} - Janet	Objective-C \$\text{PL} - OCaml	PI - Scheme 🗇	
Functional: ① Pure: ② Imperative: ① or no token Object Oriented ② Procedural ② Has Syntactic Macros: ⑩	Cell colours identifies t Ada PI - Arc PI - awk PI - C PI - C PI - C ++ OS	pt - Elixir ©@fA	ge family(ies). \$\text{pl-Gambit} \tilde{\text{Fm}}\$ \$\text{pl-Gambit} \tilde{\text{fm}}\$ \$\text{pl-Gambit} \tilde{\text{fm}}\$ \$\text{pl-GNU Guile} \tilde{\text{fm}}\$ \$\text{pl-Gleam}\$ \$\text{pl-Go} \tilde{\text{S}}\$	PI - Janet ①①① Java PI - Javascript PI - Julia Kotlin Kotlin	Objective-C \$\text{PL - OCaml} \tag{OF}\$ Pascal \$\text{PL - Python} \ dPOF	Seed7 *** Swift *** \$\psi - Tcl *** \$\psi - Tcl *** \$\psi - Tcl ***	
Functional: f Pure: F Imperative: î or no token Object Oriented 0 Procedural P Has Syntactic Macros: n System Level S The programming languages supported by PEL are listed here in alphabetical order. Emacs (and PEL) also provides basic	Cell colours identifies t Ada \$\Pi - Arc	PL - Elixir © TA THE COMPANY OF THE	ge family(ies). PL - Gambit ① PL - Gerbil ① PL - GNU Guile ① PL - Gleam PL - Go	\$\textit{9L} - Janet	Objective-C \$\text{PL - OCaml}	Seed7 *** Swift *** \$\pi_\cdot \text{Tcl} \text{ fi} \$\pi_\cdot \text{Typescript} \text{ ***}	
Functional: f Pure: F Imperative: î or no token Object Oriented ⊚ Procedural P Has Syntactic Macros: n System Level S The programming languages supported by PEL are listed here in alphabetical order.	Cell colours identifies t Ada \$\mathbb{P}(\cdot - Arc)	PL - Ellar COM FA THE IT IN THE IT	ge family(ies). \$\text{pl-Gambit} \times \t	\$\text{pl} - Janet	Objective-C Pascal Pascal Pi - Perl Pi - Python Pi - Purescript Pi - Packet Pi - Racket	\$\text{\$\partial \text{Scheme}}\$ Seed7 \$\text{Swift} \$\$\partial \text{\$\partial \text	
Functional: f Pure: F Imperative: î or no token Object Oriented ⊚ Procedural P Has Syntactic Macros: System Level S The programming languages supported by PEL are listed here in alphabetical order. Emacs (and PEL) also provides basic support for other programming languages not listed here. Future support for Crystal, Elm, Kotlin, Lua,	Cell colours identifies t Ada \$\Pi - Arc	PL - Elm F PL - Elixir © PA PA - Elixir © PA PA - Elixir © PA PA - Elixir © PA Factor © PA	ge family(ies). PL - Gambit	\$\textit{pi} - Janet	Objective-C Pascal Pascal Pascal Pi - Perl Pi - Python Pi - Purescript Pi - Racket Pi - ReasonML	Seed7 *** Swift *** \$\partial \text{Tol} \text{ F(1)} \$\partial \text{Tol} \text{ F(1)} \$\partial \text{Tol} \text{ Tol} \text{ F(1)} \$\partial \text{Tol} \text{ Tol} \text{ F(1)} \$\partial \text{Tol} \text{ Tol} \text{ Tol} \text{ F(1)} \$\partial \text{Tol} \text{ Tol} \tex	
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