

PEL Quick Access Topics Index

GNU Emacs

Reference Cards

• Emacs Release History

• EmacsWiki

• Emacs project repo

➤ PEL

• Repo

• Manual

• Discussions

Readme License

NEWS📖

• Emacs Mailing Lists

• Contribute to Emacs

• EmacsConf

Terminal Multiplexers:

GNU screen , Tmux

Command Line Scripting Languages: bash, sh, zsh

🐧: GNU readline, ls -l, ssh

General Info

➤

Startup

➤

PEL Code

➤

OS Desktop Key Bindings

🖱️

(Bindings that don't clash with PEL)

🍏 macOS Fct Keys

🍏 macOS Keys

🍏 terminal settings

🐼 Mint 20 Desktop Keys

🐼 Rocky Linux 8 Desktop Keys

🐧 Ubuntu 16.04 Desktop Keys

🖥️ Feature Comparisons

🖥️ Completion Modes Compatibility

🖥️ Speedbar/iMenu Mode Compatibility

🖥️ Shells/Terminals Comparisons

Key Prefixes & Suffixes

⌘ ⌨ Modifier Keys

⌘ ⌨ Num keypad

⌨ Keys - Fn

⌨ Keys - F11

⌨ Keys - F12

➤ PEL

ℹ Emacs Features

ℹ Emacs Manual , Guided Tour of Emacs , Emacs Lisp Manual

• Emacs Docs: Emacs, Emacs Lisp

• Mastering Emacs, Awesome-Emacs

• MELPA and GNU ELPA

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.

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.

• Emacs Keys

• Numeric Arguments

You can also:

• Run Command by Name

Emacs uses a concept of modes:

• Emacs Major and Minor Modes

• Major Modes

• Minor Modes

• Choosing Modes

PEL provides several key sequences to toggle minor modes.

🔗ℹ - Emacs Lisp concepts

& tools

🔗 display-buffer

🔗✳️ - ELisp Types

🔗 Hooks

🔗 Elisp Build Tools

🔗 ERT (regre-testing)

Parsing tools, Indentation

ℹ Xref Tools:

🖥️ Language Servers

🖥️ Tree-sitter

🖥️ Indentation Styles

🖥️ Xref-Support

🖥️ Xref-Frontend

🖥️ Xref-Backend

Build Tools

🔗ℹ - CMake🔗🔗🔗

🔗ℹ - Make🔗gmake

🔗ℹ - Meson

🔗ℹ - Ninja

🔗ℹ - Nix

🔗ℹ - Tup

Data Serialization & Configuration

📄 CWL

📄 JSON🔗🔗🔗

📄 PKL🔗🔗🔗

📄 XML🔗🔗🔗

📄 YAML

Modelling

📄 ASN.1 asn1-mode

📄 MIB snmp-mode

📄 YANG

Other File Formats

Binary, Object, Executable Files

Log Files

RFC (RFC @ Wikipedia)

SSH files🖥️ssh

ℹ Changelog Files

Config/ini/toml... Files

RPM Files🐼 (spec file format)

🔗 X.509 Certificates

Hardware Description Languages

🔗ℹℹ - Verilog🔗🔗🔗

🔗ℹℹ - VHDL🔗🔗🔗

🖥️ Language Server & Tools for HDL🔗🔗🔗

Lightweight Markup Languages

🔗 AsciiDoc

🔗 Markdown

🔗 Org-Mode

🔗 reStructuredText

• Graphics Markup

🔗 Graphviz Dot

🔗 MscGen

🔗 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

• Actor Model: (A) Array (X)

• Concatenative (K) Concurrent: (C)

• Domain Specific (d)

• Dynamic d Extensible (e)

• Functional: (f) Pure: (F)

• Generic (g)

• Imperative: (i) or no token

• Object Oriented (o) Procedural (p)

• Has Syntactic Macros: (m)

• Multi-paradigm ↗ Reflective |

• System Level (S)

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.

🔗ℹ - Ada🔗🔗🔗 ↗ (f) (S)

🔗ℹ - D (i) (f) (A)

🔗ℹ - Gambit (f) (m)

🔗ℹ - Janet (i) (f) (m)

🔗ℹ - Pascal

Scala🔗🔗🔗

🔗ℹ AppleScript

🔗ℹ - Dart ↗ (f) (o) |

🔗ℹ - Gerbil (f) (m) (A)

🔗ℹ - Java🔗🔗🔗

🔗ℹ - Perl (perl5)

🔗ℹ - Scheme (f) (m)

APL🔗🔗🔗

🔗ℹ - Eiffel🔗🔗🔗 (o) (S)

🔗ℹ - GNU Guile (f) (m)

🔗ℹ - Javascript🔗🔗🔗

🔗ℹ - Pike d (i) (o)

🔗ℹ - Seed7🔗🔗🔗 (e) (g) (S) ↗

🔗ℹ - Arc (f) (m)

🔗ℹ - Elm🔗🔗🔗 (F)

🔗ℹ - Gleam

🔗ℹ - Julia (m)

Pony🔗🔗🔗

🔗ℹ - Smalltalk🔗🔗🔗 (o)

🔗ℹ - awk (d)

🔗ℹ - Elixir (C) (m) (f) (A)

🔗ℹ - Go (S)

Kotlin🔗🔗🔗

🔗ℹ - Purescript🔗🔗🔗 (F)

🔗ℹ - Swift

🔗ℹ - C (S)

🔗ℹℹ - Emacs Lisp

Groovy🔗🔗🔗

🔗ℹ - LFE (C) (m) (f) (A)

🔗ℹ - Python d (p) (o) (F)

🔗ℹ - Tcl (f) (i)

🔗ℹ - C++ (o) (S)

🔗ℹ - Erlang (C) (f) (A)

🔗ℹ - Haskell (F)

🔗ℹ - Lua (f) (o) (p)

R🔗🔗🔗 (o) (p) (f) (X) |

🔗ℹ - Typescript🔗🔗🔗

Carbon🔗🔗🔗 future (S)

🔗ℹ - Factor (K) (f) (o) (m)

Haxe🔗🔗🔗

🔗ℹ - M4

🔗ℹ - Racket (f) (m)

🔗ℹ - UNIX Shell

🔗ℹ - Chez (f) (m)

🔗ℹ - Forth (K)

🔗ℹ - Hy (python) (m)

🔗ℹ - Modula

🔗ℹ - ReasonML🔗🔗🔗

🔗ℹ - V

🔗ℹ - Chibi (f) (m)

Fortran🔗🔗🔗

🔗ℹ - NetRexx

Rebol🔗🔗🔗

🔗ℹ - Zig (S)

🔗ℹ - Chicken (f) (m)

🔗ℹ - Nim (m) (S)

Red🔗🔗🔗

🔗ℹ - Clojure (f) (m)

🔗ℹ - Objective-C🔗🔗🔗

🔗ℹ - REXX

Common Lisp (f) (m)

🔗ℹ - OCaml (i) (f)

🔗ℹ - Ruby

Crystal🔗🔗🔗

🔗ℹ - Odin (S)

🔗ℹ - Rust (S)

Last updated on:

2025-12-02

Note: with PEL; type <f11> <f1> to open this PDF index.

With PEL, access these PDF cards from within Emacs with the <f11> ? e r key sequence. See ℹ 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.

Emacs

Calc

Gnus

Magit Cheatsheet

Org

Viper

Emacs survival card

Dired

Gnus booklet

Magit Ref-card

VIP

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.

➤Legend

➤Recommended Emacs User Option

➤Themes

Migrate from CRISP

Run Emacs daemon & clients 🍏🐼

🖥️ iMenu/Speedbar support

How to do it with PEL

🖥️ PEL Naming Conventions

🖥️ PEL Environment Variables

🖥️ PEL utilities

🍏 macOS Fct Keys

🍏 macOS Keys

🍏 terminal settings

🐼 Mint 20 Desktop Keys

🐼 Rocky Linux 8 Desktop Keys

🐧 Ubuntu 16.04 Desktop Keys

🖥️ Completion Modes Compatibility

🖥️ Speedbar/iMenu Mode Compatibility

🖥️ Shells/Terminals Comparisons

⌘ ⌨ Modifier Keys

⌘ ⌨ Num keypad

⌨ Keys - Fn

⌨ Keys - F11

⌨ Keys - F12

➤ PEL

Cells link titles starting with only ℹ are Emacs generic features, blue links are external packages. The green links are mostly PEL extensions.

ℹ Abbreviations

ℹ Diff & Merge

ℹ Grep

ℹ Man pages

ℹ Scrolling

ℹ Tab Bar

ℹ Align

ℹ Dired

ℹ Help/Info

ℹ Marking

ℹ Search/Replace

T Templates

ℹ Auto-Completion

ℹ Display - Lines

ℹ Hide/Show

ℹ Menus ℹ iMenu

ℹ Sessions

ℹ Text Modes

ℹ Autosave/Backup

ℹ Drawing

ℹ Highlight (colors)

ℹ Mode Line

ℹ start Shells/REPLs

ℹ Time Stamps

ℹ Bookmarks

ℹ Enriched Text

ℹ ibuffer-mode

ℹ Mouse

ℹ shell-mode

ℹ Time Tracking

ℹ Buffers

ℹ Execute Cmds

ℹ Indentation

ℹ Narrowing

ℹ term-mode

ℹ Tramp🗺️

ℹ Case Conversions

ℹ Exec Shell Cmds

ℹ Input Method

ℹ Navigation

eat-mode

ℹ Transpose text

ℹ Close/Suspend

ℹ Faces/Fonts

ℹ Inserting Text

ℹ Object Files

vterm-mode

ℹ X Treemacs

ℹ Comments

ℹ P Fast Startup

ℹ Key-Chords

ℹ Outline

ℹ X Smartparens

ℹ Tree Sitter

ℹ Compilation Mode

ℹ File Encoding

ℹ Keyboard Macros

ℹ Packages

ℹ Sorting

ℹ Undo/Redo/Repeat

ℹ Completion/Input

ℹ File-mngt

ℹ X - Lispy

Project Tools

Speech To Text

ℹ VCS-Git x Magit

ℹ Counting

ℹ File/Dir Variables

Logging key strokes

ℹ X Projectile

ℹ Speedbar

ℹ VCS-Mercurial

ℹ M CUA

ℹ Fill/Justify

ℹ Recursive Edit

ℹ Spell Checking

ℹ VCS-Subversion

ℹ Cursor

ℹ Frames

ℹ Rectangles

ℹ SyntaxCheck

ℹ Web

ℹ Customize

ℹ Registers

ℹ Whitespace

ℹ Cut & Paste

ℹ Windows

Writing Tools

ℹ Xref - Cross Refs