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🚦 Speedbar - Major Modes Compatibility 🚧

Language	PEL PDF Table	Emacs Support file	Feature name	Major Mode Name	Modeline Lighter	Description
Speedbar and SR-Speedbar	The table describes the capabilities and compatibility of Speedbar and Speedbar-SR with various major modes. It complements the information on Speedbar and Speedbar-SR available in the ∑ **Speedbar** table. • The types shown in Speedbar correspond to the information extracted by imenu and therefore the table shows what imenu based commands can show. • See also ∑ **Menus** and ∑ **Navigation** tables. • This is an early version. More information will be included as more Emacs major modes are tested with Speedbar. • Also note that these correspond to test using PEL with the current packages used. You may get other results with other packages. If you do, please let me know.					
Ada		**ada-mode.el**				
Assembler		**asm-mode.el**				
Asciidoc	𝕄 **AsciiDoc**	**adoc-mode.el**	adoc-mode	adoc-mode	adoc	• .adoc files ❌ • Document sections ❌
Batch files		**bat-mode.el**				

C	𝔓 **- C**	**cc-mode.el**				• .c files: ✅
						  • function definitions ✅
						  • pre-processor macros ❌
						• .h files: ✅
						  • inline function definitions ✅
						  • pre-processor macros ❌

C++	𝔓 **- C++**	C++				• .cpp files: ✅
						  • class definition ❌
						  • class member function definitions ✅ shows namespace,
						  • function definitions ✅
						  • template function instance definition ✅
						  • template function definitions ❌
						  • pre-processor macros ❌
						• header files (.hpp): ✅
						  • class definition ❌
						  • class member function definitions ❌
						  • function definitions ❌
						  • template function definitions ❌
						  • pre-processor macros ❌

C#						
Ceylon						
Chapel						
CLU						
Clojure						
CMake						
Crystal						
Curl						
CWEB						
D	𝔓 **- D**	D				
Dart						
Eiffel						
Elixir	𝔓 **- Elixir**					
Elm						

Emacs Lisp	𝔈𝔓 **- Emacs Lisp**	**elisp-mode.el**				• .el files: ✅
						  • defun top-level & indented forms ✅
						  • defmacro top-level forms ✅ (Note: does not distinguish from defun)
						  • defsubst top-level forms
						  • defvar top-level and indented forms ✅
						  • defconst top-level forms
						  • defcustom top-level forms
						  • defgroup top-level forms
						  • defhydra indented ❌

Erlang	𝔓 **- Erlang**					⚠️ Does not work by default. PEL provides a fix ✅. • .erl files: ✅ • .escript files: ✅ • .hrl files: ✅ • Erlang functions
F#						
F*						

Forth	𝔓 **- Forth**					• .fth files ✅ when **pel-use-forth** is **t** .
						  • Variables ✅
						  • Words ✅

Fortran F-90 and F-95		**f90.el**				
Fortran F-77, F-90		**fortran.el**				

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Go	𝔓 - Go	go-mode.el	go-mode	go-mode	Go	⚠️ Does not work by default. PEL provides a fix ✅.
						• .go files ✅
						  • func ✅
						  • type ✅
						• go.mod files ❌

Groovy						
Haskell						
Hop						
HTML				mhtml-mode	XHTML+	• .html files ✅ • headings <h1>, <h2>, …✅
Hy						
Icon		icon.el				
IDL		idlwave.el				
Java						
Javascript		js.el				
Julia	𝔓 - Julia					
Kotlin						
LaTeX						
Ld - GNU Linker		ld-script .el				
Limbo						

Lisp - Common Lisp	𝔓 - Common Lisp					⚠️ Does not support .lisp files by default. PEL provides a fix ✅.
						• .l, .lsp, .lisp files ✅
						  • func ✅
						  • type ✅

LiveScript						
LFE						
Lua						
M4		m4-mode.el				
Make	𝔓 - Make	make-mode.el	make-mode	• makefile-bsdmake-mode	• BSDmakefile	• Macro assignments ✅ • Dependencies ✅ • ❌ Includes extra/invalid dependencies in operations when the line includes a colon. Seen on Emacs 26.3. However **makefile-previous-dependency** does work properly. Since this is what's used, need investigation.🚧
Markdown						
ML						
Modula 2		modula2.el				
Modula 3						
Nemerle						

NetRexx	𝔓 - REXX	netrexx-mode.el	netrexx-mode	netrexx-mode	Netrexx	• .nrx files: ✅
						  • class definitions ✅
						  • method definitions ✅

Newspeak						
Nim						
Object Pascal		opascal.el				
Objective-C						
OCaml						
Octave		octave.el				
OpenCL						
Opa						
Org Mode	𝔐 Outline/Org-Mode			org-mode	Org	• .org files: ✅ • sections ✅ • extension-less files that are identified as org-mode files with file level variables: ❌🚧 Check for ways to activate Speedbar support. Activating a menu Index does not seem to help).
Oxygene						
Pascal		pascal.el				
Perl		perl-mode.el				
Pike						
Postscript		ps-mode.el				
Prolog		prolog.el				
PureScript						

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Python	𝔓 - Python	python.el		python-mode	**Python**	• .py files: ✅
						  • class definitions ✅
						  • class method definitions ✅
						  • function definitions ✅
						  • ❌ functions defined inside logical statements (like if statements) and therefore indented are no always reported. 🚧 More investigation needed.

		python-mode.el		python-mode	**Py**	• .py files: ✅
						  • class definitions ✅
						  • class method definitions ✅
						  • function definitions ✅

		⚠️ Both files use the **same** major mode name. python.el is distributed with Emacs, python-mode.el was written before but is not part of the standard distribution and is quite large (1677 functions in version 20201230.2132). Once python-mode.el is installed it normally overrides python.el by being identified before python.el in Emacs load-path. It is not possible to use both and select one dynamically. 🚧 Although this was written first, at this point I'd recommend to rename the mode to py-mode (it would match the mode-line lighter). ⚠️ There is a difference of behaviour between Speedbar (in graphics mode) and SR-Speedbar (in terminal mode). Speedbar seems to detect more Python items. 🚧 More investigation is needed.				
Racket						
ReasonML						
reStructuredText	𝔐 reStructuredText					• .rst files: ❌ • sections ❌
Rexx	𝔓 - REXX	rexx-mode.el	rexx-mode	rexx-mode	REXX	• .rex, .rexx, .elx, .ncomm, .cpr files ✅ • procedure definitions ✅
Rebol						
Red						
Ruby		ruby-mode.el				
Rust						
Sather						
Scala						
Scheme		scheme.el				
MIT Scheme		xscheme.el				
Self						
Shell Script		sh-script.el				
Shen						
Simula		simula.el				
Smalltalk						
Solidity						
SQL		sql.el				
Swift						
Tcl		tcl.el	tcl			
TeX						
TypeScript						
V						
Vala						
Vera, OpenVera		vera-mode.el	vera-mode			
• Verilog • SystemVerilog		verilog-mode.el				
VHDL		vhdl-mode.el				
XML						
Zig						