
























🚦 Tree-Sitter parsers for Emacs 🚧🚧🚧

<u>TreeSitter parsers</u>	Supported by PEL	User-option control	tree-sitter mode	Language grammar	With <u>ΣiMenu</u> support	With <u>Σ Speedbar</u> support	Status of the Tree-Sitter aware major mode				
Last updated on: 2025-10-17 See Also: <u>📄 Tree Sitter</u>	Indicates yes only when explicitly supported by PEL code.	The name and value of PEL user option that control whether Tree-Sitter aware mode is used.	The name of the major mode command that supports the tree-sitter based control. Modes names in black are built-in Emacs.	Name and link to the project providing the language grammar.	Whether all commands based on imenu work in tree-sitter mode.	Whether Speedbar support works for the tree-sitter based mode.	Identify any known problem here. Later this will be expanded to several features	🚧 As PEL introduces explicit support for more major mode, new class will be filled. Once enough tree-sitter support is explicitly implemented, I will add explicit support for LSP and then check the support of various features like completion, navigation based on LSP and tree-sitter. I will then add more columns related to these features here and in the <u>🚦 Language Servers</u> table.			
📄 - Ada 🚧🚧🚧 📄📄											
📄📄 - AppleScript											
APL 🚧🚧											
📄 - Arc 📄📄											
📄 - awk 📄											
📄 - C 📄											
📄 - C++ 📄📄											
Carbon 🚧🚧 future 📄											
📄 - Chez 📄📄											
📄 - Chibi 📄📄											
📄 - Chicken 📄📄											
📄 - Clojure 📄📄											
Common Lisp 📄📄											
Crystal 🚧🚧											
📄 - D 📄📄📄											
Dart 🚧🚧											
📄 - Eiffel 🚧🚧🚧 📄📄											
📄 - Elm 🚧🚧 📄											
📄 - Elixir 📄📄📄📄	Yes	pel-use-elixir	elixir-ts-mode	tree-sitter-langs ➡ tree-sitter-elixir	Yes	Yes	OK				
📄📄 - Emacs Lisp											
📄 - Erlang 📄📄📄	Yes	pel-use-erlang	erlang-ts-mode	tree-sitter-langs ➡ WhatsApp/tree-sitter-erlang	Yes	Yes	As of this writing, this is an early version. Fontification only works for comments. Maintainers of erlang-ts-mode would appreciate help.				
📄 - Factor 📄📄📄 📄📄											
📄 - Forth 📄											
Fortran 🚧🚧											
📄 - Gambit 📄📄											
📄 - Gerbil 📄📄📄											
📄 - GNU Guile 📄📄											

TreeSitter parsers	Supported by PEL	User-option control	tree-sitter mode	Language grammar	With ⓘiMenu support	With ⓘ Speedbar support	Status of the Tree-Sitter aware major mode				
⌘ - Gleam	Yes	See note ➡	gleam-ts-mode	tree-sitter-langs ➡ tree-sitter-gleam	Yes	Yes	OK	Note: Gleam is only supported by a Tree-Sitter aware mode. There's no classic mode for Gleam.			
⌘ - Go ⓘ	Yes	pel-use-go	go-ts-mode	tree-sitter-langs ➡ tree-sitter-go	Yes	Yes	OK				
⌘ - Go go.mod	Yes	pel-use-go	go-mod-ts-mode	tree-sitter-go-mod	Yes	Yes	OK				
Groovy 🍄											
⌘ - Haskell ⓘ											
Haxe 🍄											
⌘ - Hy (python) ⓘ											
⌘ - Janet ⓘ ⓘ ⓘ											
Java 🍄											
⌘ - Javascript 🍄											
⌘ - Julia ⓘ											
Kotlin 🍄											
⌘ - LFE ⓘ ⓘ ⓘ ⓘ											
⌘ - Lua ⓘ ⓘ ⓘ	Yes	pel-use-lua	lua-ts-mode	tree-sitter-langs ➡ tree-sitter-lua ⚠	Yes	Yes	<ul style="list-style-type: none"> fortification does not work The tree-sitter-lua project used by tree-sitter-langs seems unmaintained. It should probably use tree-sitter-grammars/tree-sitter-lua 				
⌘ - Modula	No: As of Emacs 30.2 there is no modula-ts-mode										
⌘ - NetRexx	No: As of Emacs 30.2 there is no netrexx-ts-mode			No grammar exists yet.			Does not exists yet.				
⌘ - Nim ⓘ ⓘ	No: As of Emacs 30.2 there is no nim-ts-mode implemented yet.			alviss/tree-sitter-nim	No	Yes, but since iMenu is not supported, nothing shows.	Does not exists yet.				
⌘ - Objective-C 🍄											
⌘ - OCaml ⓘ ⓘ	No: there seems to be several tree-sitter aware major modes for OCaml but PEL does not yet support any as there does not seem to have a clear winner.			tree-sitter-langs ➡ tree-sitter/tree-sitter-ocaml			There seems to have several incomplete implementations: <ul style="list-style-type: none"> terrateamio/ocaml-ts-mode dmitrig/ocaml-ts-mode 				
⌘ - Odin ⓘ											
⌘ - Pascal	No: As of Emacs 30.2 there is no pascal-ts-mode			tree-sitter-langs ➡ isopod/tree-sitter-pascal			Does not exists yet.				
⌘ - Perl (perl5)	No: As of Emacs 30.2 there is no perl-ts-mode implementation that has reached good enough stability.			tree-sitter-langs ➡ tree-sitter-perl/tree-sitter-perl			Under development, not yet ready: <ul style="list-style-type: none"> sourcehut/pranshu/perl-ts-mode HaraldJoerg/emacs-perl-ts-mode 				
⌘ - Pike ⓘ ⓘ ⓘ	No: As of Emacs 30.2 there is no pike-ts-mode			No grammar exists yet.			Does not exists yet.				
⌘ - Python ⓘ ⓘ ⓘ ⓘ				tree-sitter-langs ➡ tree-sitter/tree-sitter-python							

TreeSitter parsers	Supported by PEL	User-option control	tree-sitter mode	Language grammar	With  iMenu support	With  Speedbar support	Status of the Tree-Sitter aware major mode				
 - Purescript 											
   											
 - Racket 											
 - ReasonML 											
 - REXX	No: As of Emacs 30.2 there is no rexx-ts-mode			No grammar exists yet.			Does not exists yet.				
 - Ruby	Yes	pel-use-ruby	ruby-ts-mode	tree-sitter-langs ➡ tree-sitter/tree-sitter-ruby	Yes	Yes	OK				
 - Rust 	Yes	pel-use-rust	rust-ts-mode	tree-sitter-langs ➡ tree-sitter-rust	Yes	Yes	OK				
Scala 											
 - Scheme 											
 -Seed7   	No: As of Emacs 30.2 there is no seed7-ts-mode implemented yet.			No grammar exists yet.	Yes, for seed7-mode	Yes, for seed7-mode	Does not exists yet.				
 -Smalltalk 											
 -Swift											
 - Tcl 	No: As of Emacs 30.2 there is tcl-ts-mode implemented yet, even though the Tree-Siter grammar exists.			tree-sitter-langs ➡ tree-sitter/tree-sitter-tcl	Yes, for tcl-mode	Yes, for tcl-mode	Does not exists yet.				
 - Typescript 											
 - UNIX Shell											
 - V	No: As of Emacs 30.2 there is v-ts-mode implemented yet, even though the Tree-Siter grammar exists.			No grammar exists yet.			Does not exists yet. There is nedpals/tree-sitter-v but that does not seemed maintained.				
 -Zig 	Yes	pel-use-zig	zig-ts-mode	tree-sitter-langs ➡ tree-sitter-zig	Yes	Yes	With language grammar of 2025-10-13: <ul style="list-style-type: none"> fortification does not work incomplete indentation control no format on save like zig-mode 				