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🚦 Tree-Sitter parsers for Emacs 🚧🚧

TreeSitter parsers	Supported by PEL	User-option control	tree-sitter mode	Language grammar	With Σ iMenu support	With Σ Speedbar support	Status of the Tree-Sitter aware major mode				
Last updated on: 2025-10-17 See Also: Σ Tree Sitter	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 🚦 Language Servers table.			
𝔓ℓ - Ada 🚧 ↘Ⓢ				tree-sitter-langs ➡ tree-sitter-ada							
𝔓ℓ - AppleScript											
APL 🚧				No grammar exists yet.							
𝔓ℓ - Arc ⓕⓜ											
𝔓ℓ - awk ⓓ											
𝔓ℓ - C Ⓢ				tree-sitter-langs ➡ tree-sitter/tree-sitter-c							
𝔓ℓ - C++ ⓞⓈ				tree-sitter-langs ➡ tree-sitter/tree-sitter-cpp							
Carbon 🚧 future Ⓢ											
𝔓ℓ - Chez ⓕⓜ											
𝔓ℓ - Chibi ⓕⓜ											
𝔓ℓ - Chicken ⓕⓜ											
𝔓ℓ - Clojure ⓕⓜ				tree-sitter-langs ➡ sogaiu/tree-sitter-clojure							
Common Lisp ⓕⓜ				tree-sitter-langs ➡ tree-sitter-grammars/tree-sitter-commonlisp							
Crystal 🚧											
𝔓ℓ - D ⓘⓕⒶ				tree-sitter-langs ➡ tree-sitter-d							
Dart 🚧				tree-sitter-langs ➡ UserNobody14/tree-sitter-dart							
𝔓ℓ - Eiffel 🚧 ⓞⓈ											
𝔓ℓ - Elm 🚧 Ⓕ				tree-sitter-langs ➡ elm-tooling/tree-sitter-elm							
𝔓ℓ - Elixir ⓒⓜⓕⒶ	Yes	pel-use-elixir	elixir-ts-mode	tree-sitter-langs ➡ tree-sitter-elixir	Yes	Yes	OK				
𝔈𝔓ℓ - Emacs Lisp				tree-sitter-langs ➡ Wilfred/tree-sitter-elisp							
𝔓ℓ - 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.				

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PL - Factor Ⓚⓕ ⓞⓜ	No: As of Emacs 30.2 there is no factor-ts-mode			No grammar exists yet.			Does not exists yet.				
PL - Forth Ⓚ	No: As of Emacs 30.2 there is no forth-ts-mode			AlexanderBrevig/tree-sitter-forth	Yes	Yes	Does not exists yet.				
Fortran				tree-sitter-langs ➡ tree-sitter-fortran							
PL - Gambit ⓕⓜ											
PL - Gerbil ⓕⓜⒶ											
PL - GNU Guile ⓕⓜ											
PL - 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.			
PL - Go Ⓢ	Yes	pel-use-go	go-ts-mode	tree-sitter-langs ➡ tree-sitter-go	Yes	Yes	OK				
PL - Go go.mod	Yes	pel-use-go	go-mod-ts-mode	tree-sitter-go-mod	Yes	Yes	OK				
Groovy				tree-sitter-langs ➡ Decodetalkers/tree-sitter-groovy							
PL - Haskell Ⓕ				tree-sitter-langs ➡ tree-sitter/tree-sitter-haskell							
Haxe				tree-sitter-langs ➡ vantreeseba/tree-sitter-haxe							
PL - Hy (python) ⓜ											
PL - Janet ⓘⓕⓜ				• tree-sitter-langs ➡ sogaiu/tree-sitter-janet-simple , • GrayJack/tree-sitter-janet							
PL - Java				tree-sitter-langs ➡ tree-sitter/tree-sitter-java							
PL - Javascript				tree-sitter-langs ➡ tree-sitter/tree-sitter-javascript							
PL - Julia ⓜ				tree-sitter-langs ➡ tree-sitter/tree-sitter-julia							
Kotlin				tree-sitter-langs ➡ fwcd/tree-sitter-kotlin							
PL - LFE ⓒⓜⓕⒶ											
PL -Lua ⓕ ⓞ ⓟ	Yes	pel-use-lua	lua-ts-mode	tree-sitter-langs ➡ tree-sitter-lua ⚠	Yes	Yes	• 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				
PL-Modula	No: As of Emacs 30.2 there is no modula-ts-mode										
PL - NetRexx	No: As of Emacs 30.2 there is no netrexx-ts-mode			No grammar exists yet.			Does not exists yet.				
PL - 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.				

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PL-Pascal	No: As of Emacs 30.2 there is no pascal-ts-mode			tree-sitter-langs ➡ isopod/tree-sitter-pascal			Does not exists yet.				
PL - 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	Yes	Yes	Under development, not yet ready: • sourcehut/pranshu/perl-ts-mode • HaraldJoerg/emacs-perl-ts-mode				
PL - Pike	No: As of Emacs 30.2 there is no pike-ts-mode			No grammar exists yet.			Does not exists yet.				
PL - Python				tree-sitter-langs ➡ tree-sitter/tree-sitter-python							
PL - Purescript				tree-sitter-langs ➡ postsolar/tree-sitter-purescript							
R				tree-sitter-langs ➡ r-lib/tree-sitter-r							
PL - Racket				tree-sitter-langs ➡ 6cdh/tree-sitter-racket							
PL - ReasonML											
PL - REXX	No: As of Emacs 30.2 there is no rexx-ts-mode			No grammar exists yet.			Does not exists yet.				
PL - Ruby	Yes	pel-use-ruby	ruby-ts-mode	tree-sitter-langs ➡ tree-sitter/tree-sitter-ruby	Yes	Yes	OK				
PL - Rust	Yes	pel-use-rust	rust-ts-mode	tree-sitter-langs ➡ tree-sitter-rust	Yes	Yes	OK				
Scala				tree-sitter-langs ➡ tree-sitter/tree-sitter-scala							
PL - Scheme				tree-sitter-langs ➡ 6cdh/tree-sitter-scheme							
PL-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.				
PL-Smalltalk											
PL-Swift				tree-sitter-langs ➡ alex-pinkus/tree-sitter-swift							
PL - 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.				
PL - Typescript				tree-sitter-langs ➡ tree-sitter/tree-sitter-typescript							
PL - UNIX Shell											
PL - 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.				
HDL - Verilog				tree-sitter-langs ➡ tree-sitter/tree-sitter-verilog							
HDL - VHDL				tree-sitter-langs ➡ alemuller/tree-sitter-vhdl							

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-Zig	Yes	pel-use-zig	zig-ts-mode	tree-sitter-langs ➡ tree-sitter-zig	Yes	Yes	With language grammar of 2025-10-13: • fortification does not work • incomplete indentation control • no format on save like zig-mode				