## **§** Tree-Sitter parsers for Emacs ₩₩

TreeSitter	<u>parsers</u>	Supported by PEL	User-option control	tree-sitter mode	Language grammar	With <u>∑iMenu</u> support	With <u>∑ Speedbar</u> support	Status of the Tree-Sitter aware major mode	Features working in the tree- sitter mode	Language Server	
Last updated  See Also: <u>I Tr</u>	2025-10-20	only when explicitly	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 treesitter 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			
<b>Φ</b> [ - Ada 🗯	<b>ঈ ⑤</b>	Yes	pel-use-ada	ada-ts-mode	tree-sitter-langs ⇒ briot/tree-sitter-ada	Yes	Yes	The <u>ada-ts-mode</u> is a great implementation!	outline-minor-mode. See <u>Dutline</u> syntax-highligting: 4 levels: controlled by treesit-font-lock-level     flexible/precise indentation control with several indentation back-ends:         tree-sitter based (the default), very flexible with 9 customizable useroptions.     LSP back-end (a formatter instead of indentation engine)		
Bl. €- AppleSe	cript				No grammar found yet.						
APL ##					No grammar found yet.						
PI - Arc	(f)(iii)				No grammar found yet, but perhaps a scheme syntax could be used.						
<u> pt - awk</u>	<b>d</b>				Beaglefoot/tree-sitter-awk						
<u>рі - С</u>	8				<u>tree-sitter-langs</u> → <u>tree-sitter/tree-sitter-c</u>						
<u>рі - С++</u>	<b>0\text{\tin}\text{\tex{\tex</b>				tree-sitter-langs → tree-sitter/tree-sitter-cpp						
Carbon ## fut	ure 🕲				No grammar found yet.						
PI - Chez	(f)(iii)				No grammar found yet, but perhaps a scheme syntax could be used.						
<u> βί - Chibi</u>	TM				No grammar found yet, but perhaps a scheme syntax could be used.						
भूर - Chicken	Tm				No grammar found yet, but perhaps a scheme syntax could be used.						
<b>β</b> Ι - Clojure	Ю				<u>tree-sitter-langs</u> ⇒ <u>sogaiu/tree-sitter-clojure</u>						
Common Lis	<b>p</b> (f)(11)				tree-sitter-langs ⇒ tree-sitter-grammars/tree-sitter- commonlisp						
Crystal ##					crystal-lang-tools/tree-sitter- crystal						
<u> 191 - D</u>	()(f)(A)				tree-sitter-langs ⇒ CyberShadow/tree-sitter-d						
Dart 🚧					tree-sitter-langs ➡ UserNobody14/tree-sitter-dart						
pι - Eiffel 🚧	0 8				No grammar found yet.						

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អ្ - Elm 🧱 🕞				tree-sitter-langs ⇒ elm-tooling/tree-sitter-elm						
<u>al - Elixir</u> cmfa	Yes	pel-use-elixir	elixir-ts-mode	tree-sitter-langs → elixir-lang/tree-sitter-elixir	Yes	Yes	OK			
<u> ‡βί - Emacs Lisp</u>				<u>tree-sitter-langs</u> → Wilfred/tree-sitter-elisp						
% - Erlang ©⊕A	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.			
<u>ൂ≀ - Factor</u> ⊗ f @ m	No: As of Ema	cs 30.2 there is no factor	or-ts-mode	No grammar found yet.			Nothing found yet.			
<u>at - Forth</u> €	No: As of Ema	cs 30.2 there is no forth	n-ts-mode	AlexanderBrevig/tree-sitter-forth	Yes	Yes	Nothing found yet.			
Fortran 🚧				tree-sitter-langs → stadelmanma/tree-sitter-fortran						
PI - Gambit 🗇				No grammar found yet, but perhaps a scheme syntax could be used.						
PI - Gerbil (†MA)				No grammar found yet, but perhaps a scheme syntax could be used.						
<u>βl - GNU Guile</u> ∱m				No grammar found yet, but perhaps a scheme syntax could be used.						
<u>βι - Gleam</u>	Yes	See note ▶	gleam-ts-mode	tree-sitter-langs → tree-sitter-gleam	Yes	Yes	ОК	Note: Gleam is only supported by a Tree-S Gleam.	Sitter aware mode. There	's no classic mode for
<u>pt - Go</u> ⊗	Yes	pel-use-go	go-ts-mode	<u>tree-sitter-langs</u> → <u>tree-sitter-go</u>	Yes	Yes	OK			
<u>ൂu - Go</u> go.mod	Yes	pel-use-go	go-mod-ts-mode	tree-sitter-go-mod	Yes	Yes	ОК			
Groovy ##				tree-sitter-langs ⇒ Decodetalkers/tree-sitter-groovy						
<b>β</b> Ι - Haskell 🕞				tree-sitter-langs → tree-sitter/tree-sitter-haskell						
Haxe 🚧				tree-sitter-langs ⇒ vantreeseba/tree-sitter-haxe						
<u><b>Ş</b>l - Hy</u> (python) ⋒				No grammar found yet.						
<u>au - Janet</u> ⊕€®				tree-sitter-langs ⇒     sogaiu/tree-sitter-janet-simple ,     GrayJack/tree-sitter-janet						
<u>pĭ - Java</u> <del>m</del>				tree-sitter-langs → tree-sitter/tree-sitter-java						
क्षा - Javascript 🚧				tree-sitter-langs → tree-sitter/tree-sitter-javascript						
pῖ - Julia m				tree-sitter-langs → tree-sitter/tree-sitter-julia						

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Kotlin 🚧				tree-sitter-langs ⇒ fwcd/tree-sitter-kotlin						
<u>PI-LFE</u> ©®€A				No grammar found yet.						
<u>≱I -Lua</u>	Yes	pel-use-lua	lua-ts-mode	tree-sitter-langs → MunifTanjim/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			
<u>pι-Modula</u>	No: As of Ema	cs 30.2 there is no mod	ula-ts-mode	No grammar found yet.						
<u> βι - NetRexx</u>	No: As of Ema	cs 30.2 there is no netre	exx-ts-mode	No grammar found yet.			Nothing found yet.			
<u>apt - Nim</u> @❸	No: As of Emac yet.	cs 30.2 there is no nim-	ts-mode implemented	alviss/tree-sitter-nim	No	Yes, but since iMenu is not supported, nothing shows.	Nothing found yet.			
<b>№1-Objective-C</b>				tree-sitter-grammars/tree-sitter- objc     merico-dev/tree-sitter-objc						
<u>≱≀ - OCaml</u> ⊕€	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:  • terrateamio/ocaml-ts-mode  • dmitrig/ocaml-ts-mode				
<u>apt - Odin</u>			Sampie159/odin- ts-mode	tree-sitter-grammars/tree-sitter-odin					<u>DanielGavin/ols</u>	
<u>ֆ</u> ἴ-Pascal	No: As of Emacs 30.2 there is no pascal-ts-mode			tree-sitter-langs → isopod/tree-sitter-pascal			Nothing found yet.			
<b>%i - Perl</b> (perl <u>5</u> )	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				
<u> </u>	No: As of Ema	cs 30.2 there is no pike	-ts-mode	No grammar found yet.			Nothing found yet.			
<u>PI-Python</u> dPOT				tree-sitter-langs → tree-sitter/tree-sitter-python						
ា្រ្ថ - Purescript ﷺ €				tree-sitter-langs → postsolar/tree-sitter-purescript						
<u>R</u> • • • • • • • • • • • • • • • • • • •				tree-sitter-langs → r-lib/tree-sitter-r						
pι-Racket fm				tree-sitter-langs → 6cdh/tree-sitter-racket						
ា្រ - ReasonML ##				reasonml-editor/tree-sitter-reason			Nothing found yet.			
βί - REXX	No: As of Emacs 30.2 there is no rexx-ts-mode		No grammar found yet.			Nothing found yet.				
ֆῖ - Ruby	Yes	pel-use-ruby	ruby-ts-mode	tree-sitter-langs → tree-sitter/tree-sitter-ruby	Yes	Yes	OK			
pĭ - Rust ⊗	Yes	pel-use-rust	rust-ts-mode	tree-sitter-langs → tree-sitter/tree-sitter-rust	Yes	Yes	ОК			

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Scala 🚧				tree-sitter-langs → tree-sitter/tree-sitter-scala						
<u>Al - Scheme</u> fm				tree-sitter-langs → 6cdh/tree-sitter-scheme						
<u>ফু-Seed7</u> 🚧 🖲 🖫 গ	No: As of Emacimplemented y	cs 30.2 there is no seed et.	d7-ts-mode	No grammar found yet.	Yes, for seed7- mode	Yes, for seed7- mode	Nothing found yet.			
<u>P</u> Ι-Smalltalk				No grammar found yet.						
<u>ֆί-Swift</u>				tree-sitter-langs ⇒ alex-pinkus/tree-sitter-swift						
<u><b>β</b></u> ί - Tcl <b>(†</b> (i)	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	Nothing found yet.			
ា្រ្ត្ - Typescript 🚧				<u>tree-sitter-langs</u> → <u>tree-sitter/tree-sitter-typescript</u>						
<b>Bl</b> - UNIX Shell										
<u>₽1 - V</u>	No: As of Emacs 30.2 there is v-ts-mode implemented yet, even though the Tree-Siter grammar exists.			No grammar found yet.			Nothing complete found yet. There is <u>nedpals/tree-sitter-v</u> but that does not seemed maintained.			
կծն - Verilog				tree-sitter-langs → tree-sitter/tree-sitter-verilog						
ត្រស្ - VHDL				tree-sitter-langs → alemuller/tree-sitter-vhdl						
<u>ant -Zig</u> ⊗	Yes	pel-use-zig	<u>zig-ts-mode</u>	tree-sitter-langs → tree-sitter-grammars/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			
				maxxino/tree-sitter-zig	Yes	Yes	ОК			