Xref Mode support 🚧

Language	etags	GNU Global gtags with ggtags	Universal Ctags	rtags for C/C++ only	Notes	Best choice
Ada	Yes		Yes			
assembler	Yes		Yes			
C	Yes		Yes	Yes	• etags —declarations create tags for declarations	
C++	Yes		Yes	Yes	• etags -Q support class qualification • etags —declarations create tags for declarations	
Clojure			Yes			
Make			Yes			
Cobol	Yes		Yes			
Common Lisp	Yes		Yes			
D			Yes			
Elixir			Yes			
Elm			Yes			

Emacs Lisp	Yes	Yes, via Universal CTags	Yes		• etags supports Emacs Lisp and C, the 2 programming languages used by Emacs.
					• creates a TAGS file
					• etags can create a TAGS file for files in several directory trees, with files in .gz files.
					• tools:
					  • **etags-el**: create TAGS file for 1 directory
					  • **tags-for-pel** : create 1 TAGS file for all PEL and Emacs elisp and C code.
						etags

Erlang			Yes			
forth	Yes		No			
Fortran	Yes		Yes			
go	Yes		Yes			
Haskell			No			
Java	Yes		Yes		• etags -Q support class qualification • etags —declarations create tags for declarations	
Javascript			Yes			
LaTex	Yes		No			
LFE			No			
lua	Yes		Yes			
makefile	Yes		Yes			
Nim			No			
Objective C	Yes		Yes		• etags -Q support class qualification • etags —declarations create tags for declarations	
OCaml			Yes			
Pascal	Yes		Yes			
Perl	Yes		Yes			
php	Yes		Yes			
Postscript	Yes		No			
proc	Yes		No			
Prolog	Yes		No			
Python	Yes		Yes			
ruby	Yes		Yes			
Rust			Yes			
Scheme	Yes		Yes			
TCL			Yes			
Tex	Yes		Yes			
Texinfo	Yes					
V			No			
yacc	Yes		Yes			

Integration with Language Specific Tools

Tool	Programming Language	xref	auto-complete	company	flycheck	flymake	ivy	helm
rtags	C, C++	Yes	Yes	Yes	Yes	No	Yes	Yes
hashtags	Haskell							
fast-tags	Haskell							

xref-backend-functions

		local	Global	
C	c-mode		• etags--xref-backend	With nothing activated
			• dumb-jump-xref-activate • etags--xref-backend	With pel-use-dumb-jump = t
		• ggtags--xref-backend • t	• etags--xref-backend	with ggtags-mode active in buffer
Python			• etags--xref-backend	With nothing activated
		• ggtags--xref-backend • t	• etags--xref-backend	with ggtags-mode active in buffer
Erlang		• erlang-etags--xref-backend • t	etags--xref-backend	With nothing activated
		• ggtags--xref-backend • erlang-etags--xref-backend • t		with ggtags-mode active in buffer. Tested a little on jabbed source, but could not get many hits.
Rust	rust-mode		etags--xref-backend	With nothing activated
		• ggtags--xref-backend • t	etags--xref-backend	with ggtags-mode active in buffer
Javascript	js-mode		etags--xref-backend	With nothing activated
				with ggtags-mode active in buffer

GGTags Programming Language Support

	C			
Modules	• Header files:			
functions	Yes			
structures				
Macros	• pre-processor symbols: • pre-processor macros: yes			