🚦 HDL Tools for Emacs 🚧

HDL Tools

Several tools are available for hardware description languages.
• Several of these tools can be used under Emacs, since Emacs has historically been used extensively by in the HDL development domain.
• This table provides information about several of these tools:
  • Language Servers:
    • list the various language servers, the implementation technology, the tools required to install them, their compatibility (if documented) and support for HDLs.
    • If there is important information that you should read, then there's a link to a separate document.

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Language/Servers	hdl_checker	svlangserver	verible	svls	veridian			
Server implemented in:	Python	Typescript, Javascript	C++	Rust	Rust			
Install with	pip3	npm	• Binaries, • Nix • **homebrew**	• Binaries • snapcraft • cargo				
Compatible with		Emacs 29.0.50 • lsp-mode Ventilator 4.110 IVerilator 10.2 Verible v0.0-114...						
ḥɒɪ - Verilog								
ḥɒɪ - VHDL								

type checking	slang	verible	verilator					
Implemented in								
Install with			• See verilator installation manual • homebrew					
ḥɒɪ - Verilog								
ḥɒɪ - VHDL								