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To check out an example of an OpenLane 2-based flow right in your browser, try the Google Colab™ notebook at

 $\underline{\text{https://colab.research.google.com/github/efabless/openlane2/blob/main/notebook.ipynb}}$

To set up OpenLane 2 on your computer, check out the Getting Started guide at the $\textbf{following link:} \ \underline{\text{https://openlane2.readthedocs.io/en/latest/getting_started/index.html}$

teuscher .: Lab









Workflow/toolchain (1)

PyMTL (Mamba):

- https://pymtl.github.io
 User group: https://groups.google.com/g/pymtl-users
 An open-source hardware modeling, generation, simulation, and verification
- framework.

 MyHDL allows a subset of Python code to be translated to Verilog or VHDL. It offers co-simulation options where native Python code runs alongside a compiled simulation model of your hardware.

 Hardware-software co-simulation using PyMTL3:

 Create your hardware model in PyMTL3

 Develop software that will interact with the hardware

 Set up the co-simulation environment

 Run and analyze results







