Below are current APIs, and their supported format (need to be more general in the following version):

• GV Set System Mode

- SETUP: yosysSETUP, abcSETUP, v3SETUP
- o vrf

GV Set Engine

- o yosys
- o abc
- o **v3**

• GV Read Design

yosys: verilog, blifabc: verilog, blif, aigv3: verilog, aig

GV File2Aig

o verilog2aig

GV Formal Verify

- o bmc (Bounded Model Checking)
- pdr (Property Directed Reachability)
- itp (Craig Interpolation)

• **GV Random Simulate**

engine : yosysinput file : verilog