The Teak tool

The Teak tool consists of:

- A synthesiser from Balsa to Teak component networks
  $ teak encode.balsa

- A mechanism to plot those networks
  $ teak --plot encode.balsa

- A language-level simulator for Balsa
  $ teak --simulate encode_test.balsa

- A programmable peephole optimiser for component networks
  $ teak -O encode.balsa

- A GUI to drive and visualise optimisation choices
  $ teak --gui encode.balsa

- A prototype ‘back end’ to generate Verilog gate-level implementations of Teak components
  $ teak --gates encode.balsa