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`