Teak: A synthesiser for Balsa
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Teak is a new synthesiser for the Balsa language. Teak generates networks of macromodular components from Balsa descriptions, like the Balsa System, but uses a different, more conventional set of components instead of Handshake Components.

procedure onehot (input i : 2 bits; output o : 4 bits) is begin loop i -> then case i of | 0 then o <- 1 | 1 then o <- 2 | 2 then o <- 4 | 3 then o <- 8 end end end