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```
Celement_with_env_1.hs ×

1  module Concept where

2  import Tuura.ConceptConcat

4  -- C-element with environment circuit described using signal-level concepts
6  circuit :: (Eq a) => a -> a -> a -> CircuitConcept a
7  circuit a b c = interface <> outputRise <> inputFall <> outputFall <> inputRise <> initialState

8  where
9  interface = inputs [a, b] <> outputs [c]

10  outputRise = rise a <> rise c <> rise b <> rise c

12  inputFall = rise c <> fall a <> rise c <> fall b

13  outputFall = fall a <> fall c <> fall c <> fall c

16  inputRise = fall c <> rise a <> fall c <> rise b

17  inputRise = initialise a False <> initialise b False <> initialise c False

20  initialState = initialise a False <> initialise b False <> initialise c False
```

Line 20, Column 1 Tab Size: 4 Haskell