

# Custom Graph Shapes



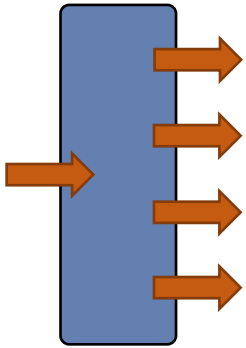
# Goal

Create components with arbitrary inputs and outputs

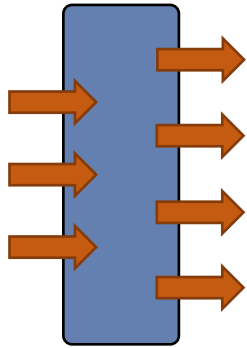


# Example

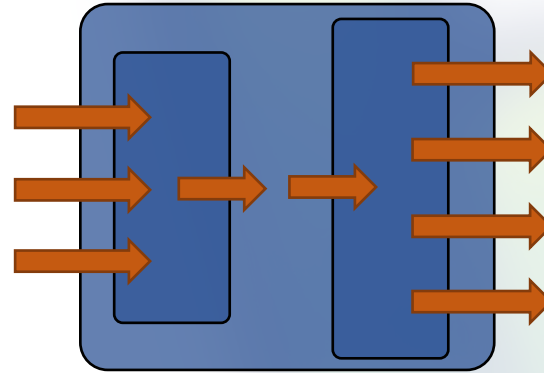
An  $M \times N$  Balance component



normal Balance



desired Balance



potential implementation = Merge + normal Balance

GraphDSL to the rescue

Problem: there is no predefined shape

**Akka rocks**

