

Tikz/PGF shape example

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This is an example of shapes in TikZ/PGF made for various purposes. It defines triangular shapes that are not necessarily adapted to the label, but may be suitable for quite some purposes already. Adapting such nodes so that they cover the label is possible but would not result in nice drawings.

The nodes inherit a lot from the rectangle shape.

Note that this exercises exhibit some deficiency of the encoding; the triangular nodes are not properly connected to their eastern/western neighbours. The reason is the that path used in the example does not make explicit reference to the eastern/western extremities. I do not know how this is computed.

In Figure 4, a better drawing of the exercise.

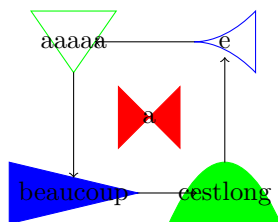


Figure 1: New colorful shapes (with a forced minimal size).

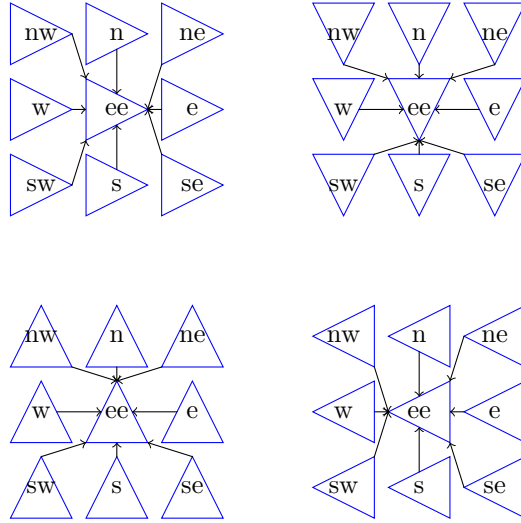


Figure 2: Testing the anchors.

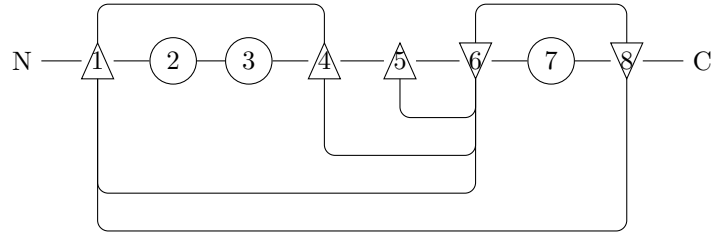


Figure 3: The initial exercise (the shape names are slightly modified). The triangles are ugly? Improving this is left as an exercise. It can be either built in the shape or defined in the node declaration.

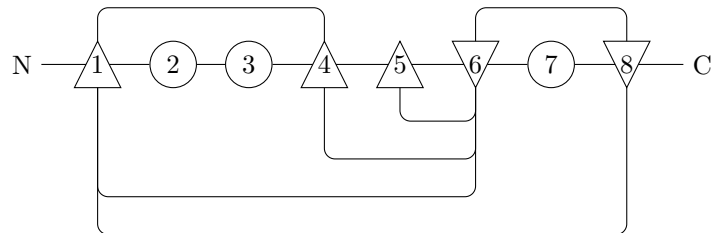


Figure 4: The initial exercise with parameterized node size and connections.