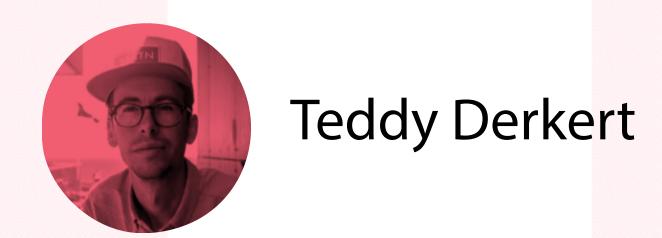
## Multiple Masters & Interpolation





#### Superpolator 3







**Coming Soon** 

## What is interpolation and what is it good for?

## Interpolation helps us generate intermediate steps between styles

# It saves time and helps us to keep things consistent through out all weights/styles

#### 2 masters

Thin Regular



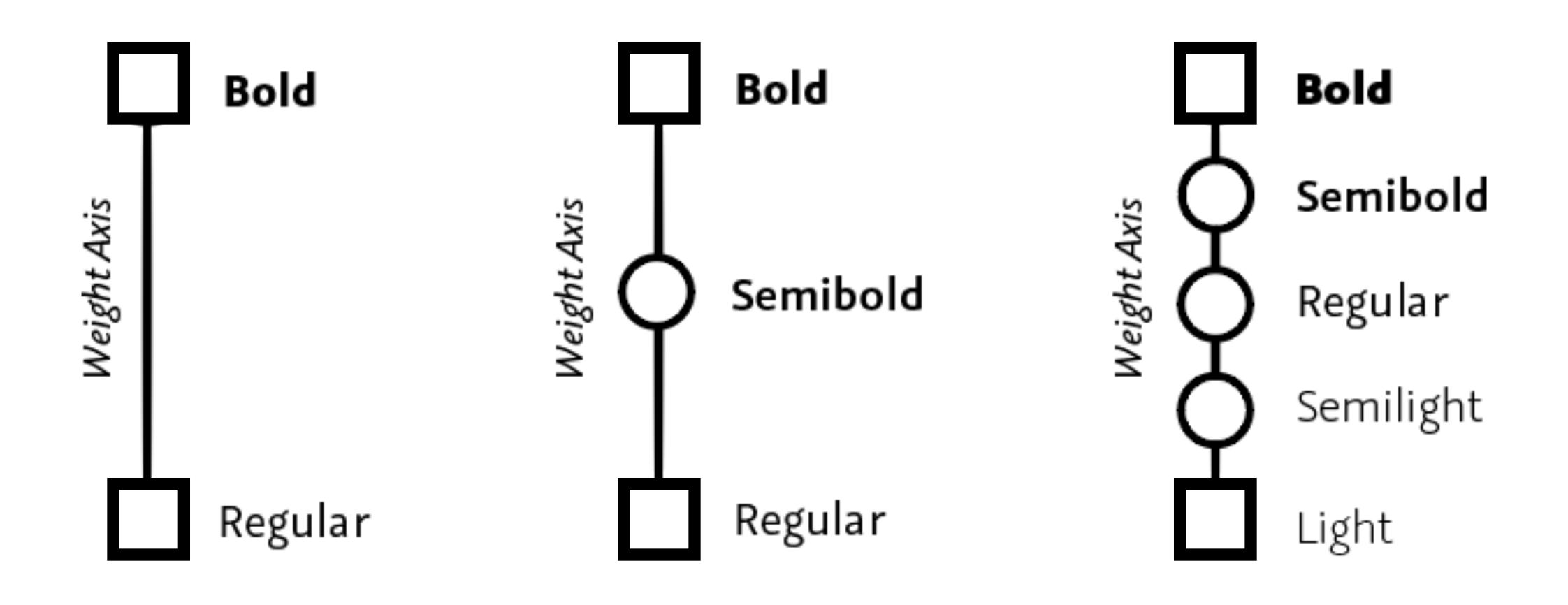
#### 1 axis - 2 masters - 3 instances



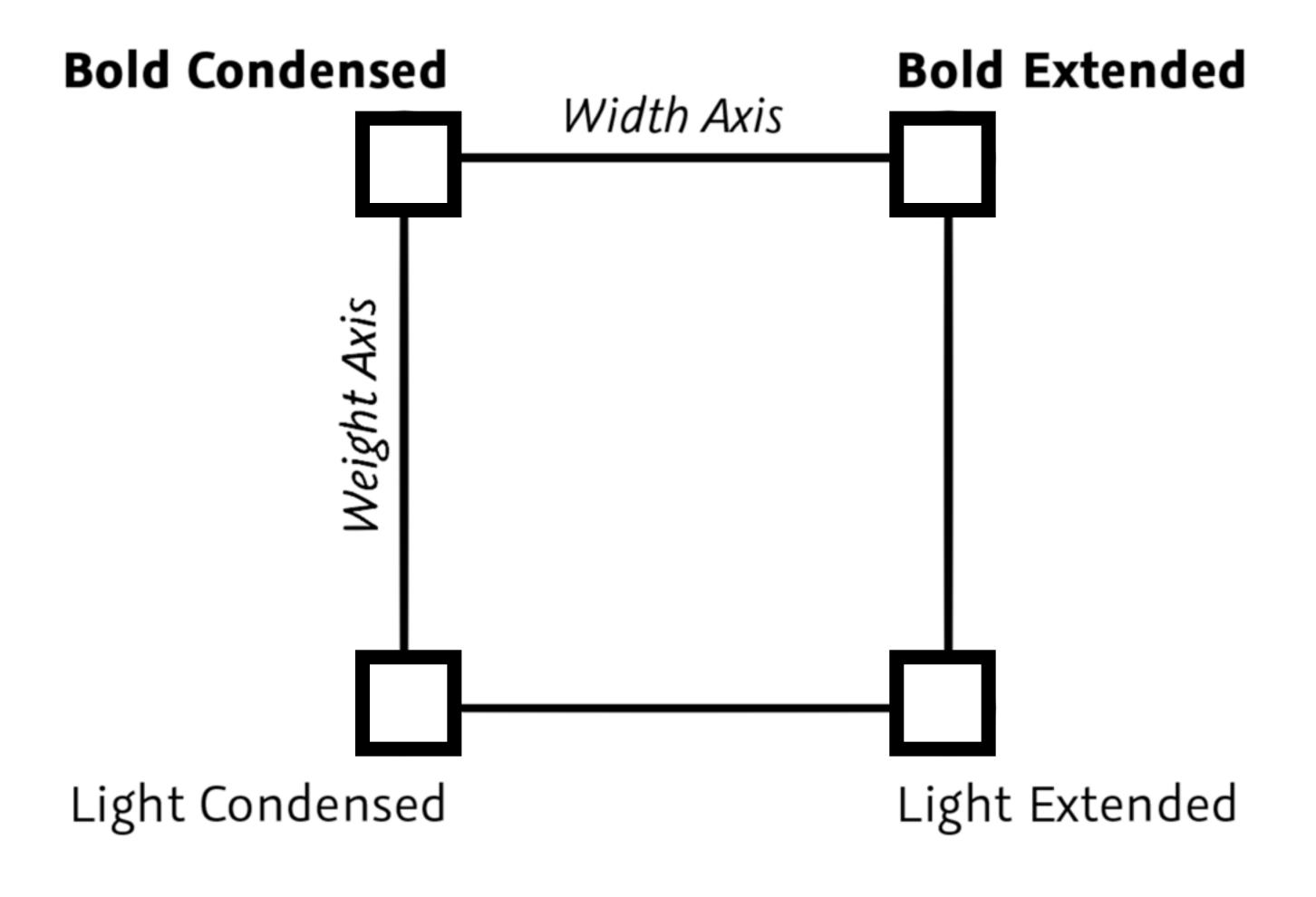
#### 2 axes - 4 masters - 9 instances



#### 1 axis - 2 masters



#### 2 axes - 4 Masters



#### 3 axes - 8 Masters

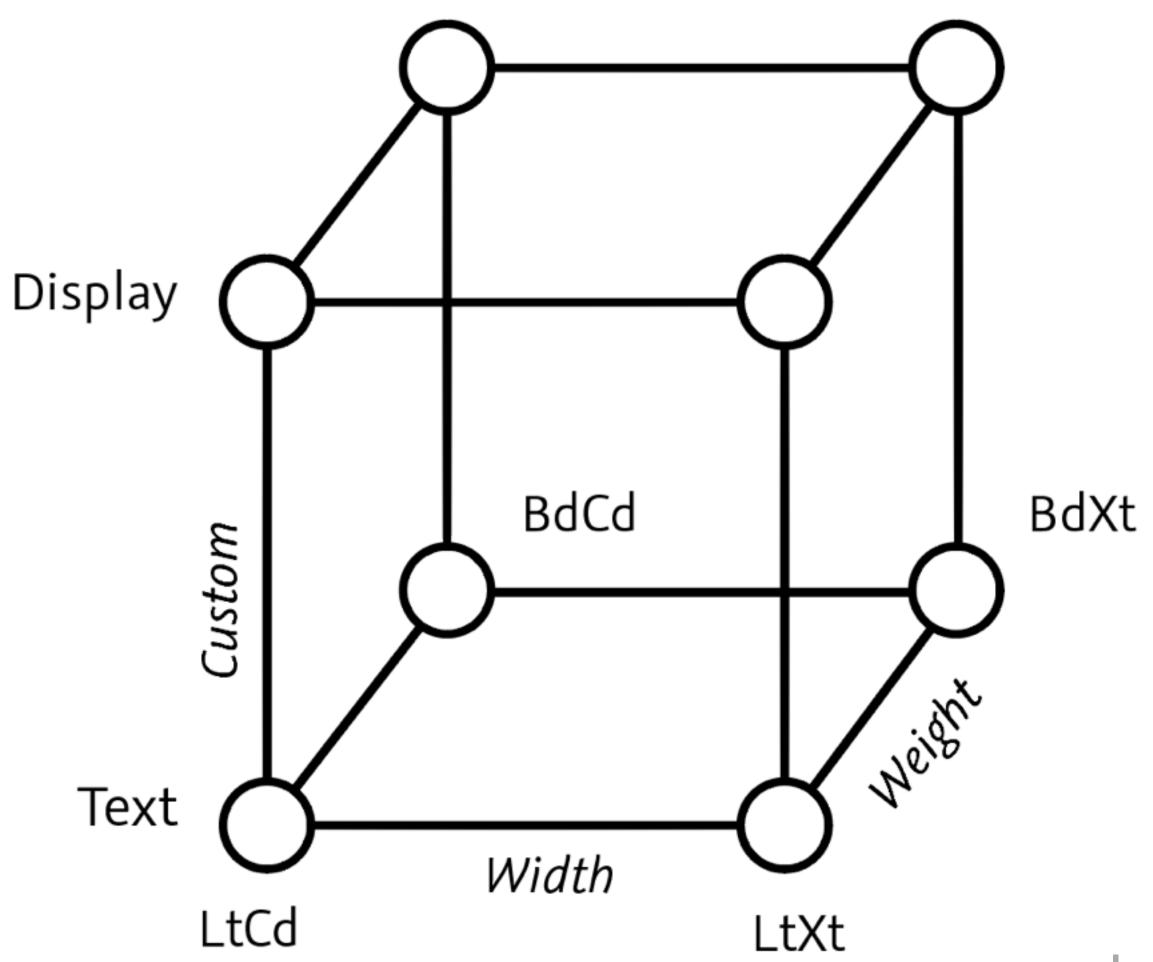
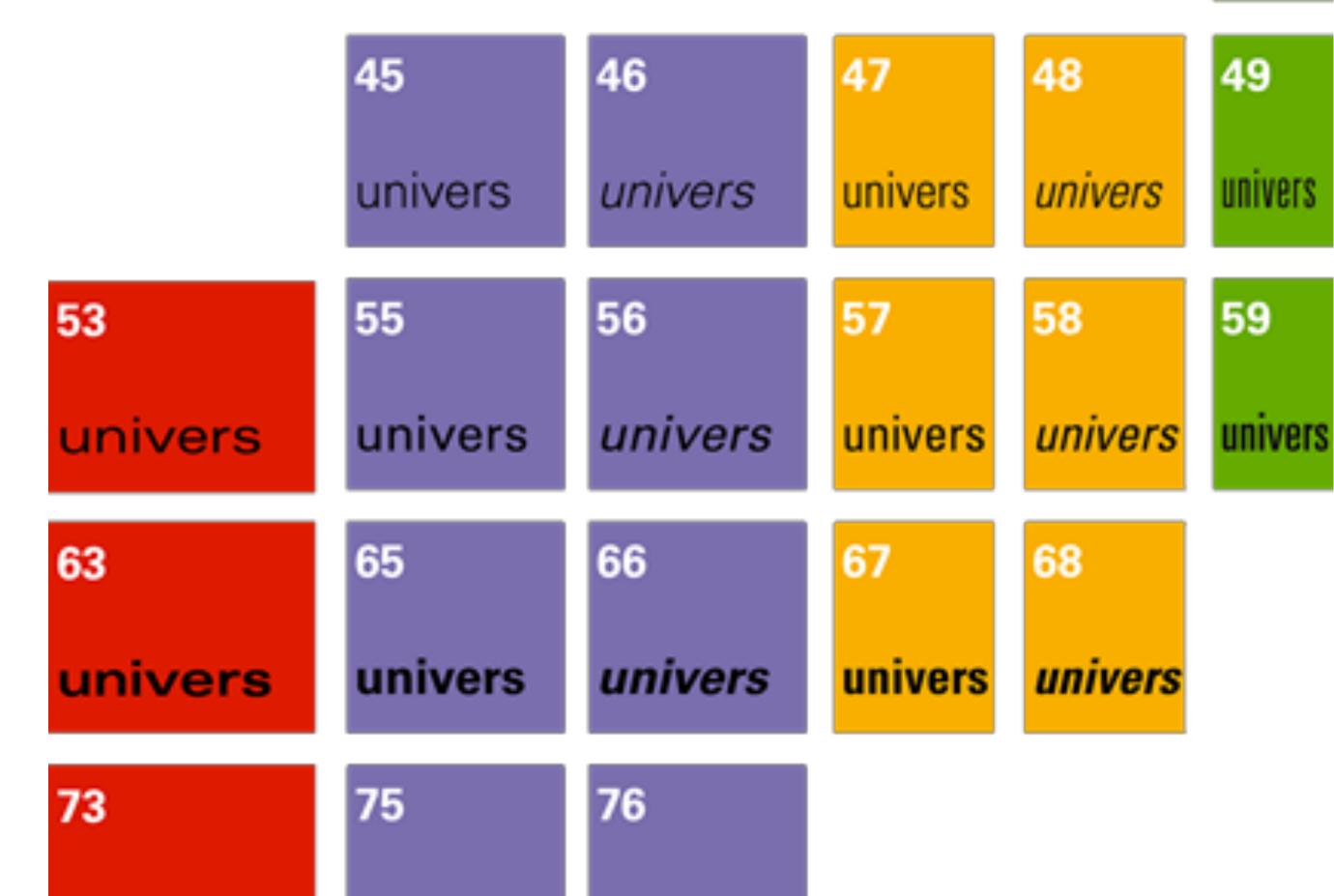


Image from glyphsapp.com

#### 2 axis + 2 axis (oblique)

univers





univers

Univers Font System

- Adrian Frutiger

83

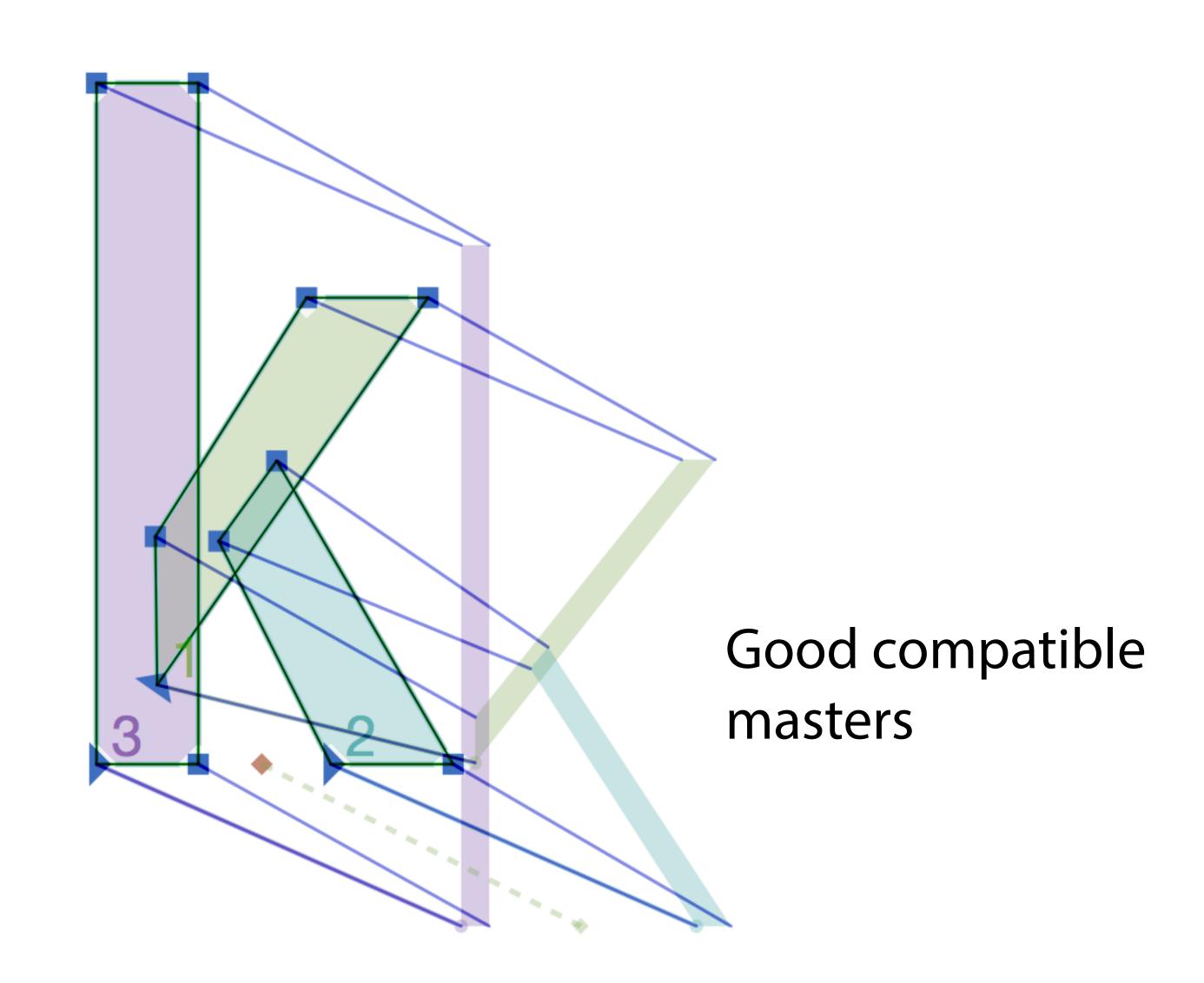
univers

#### Path Compatibility

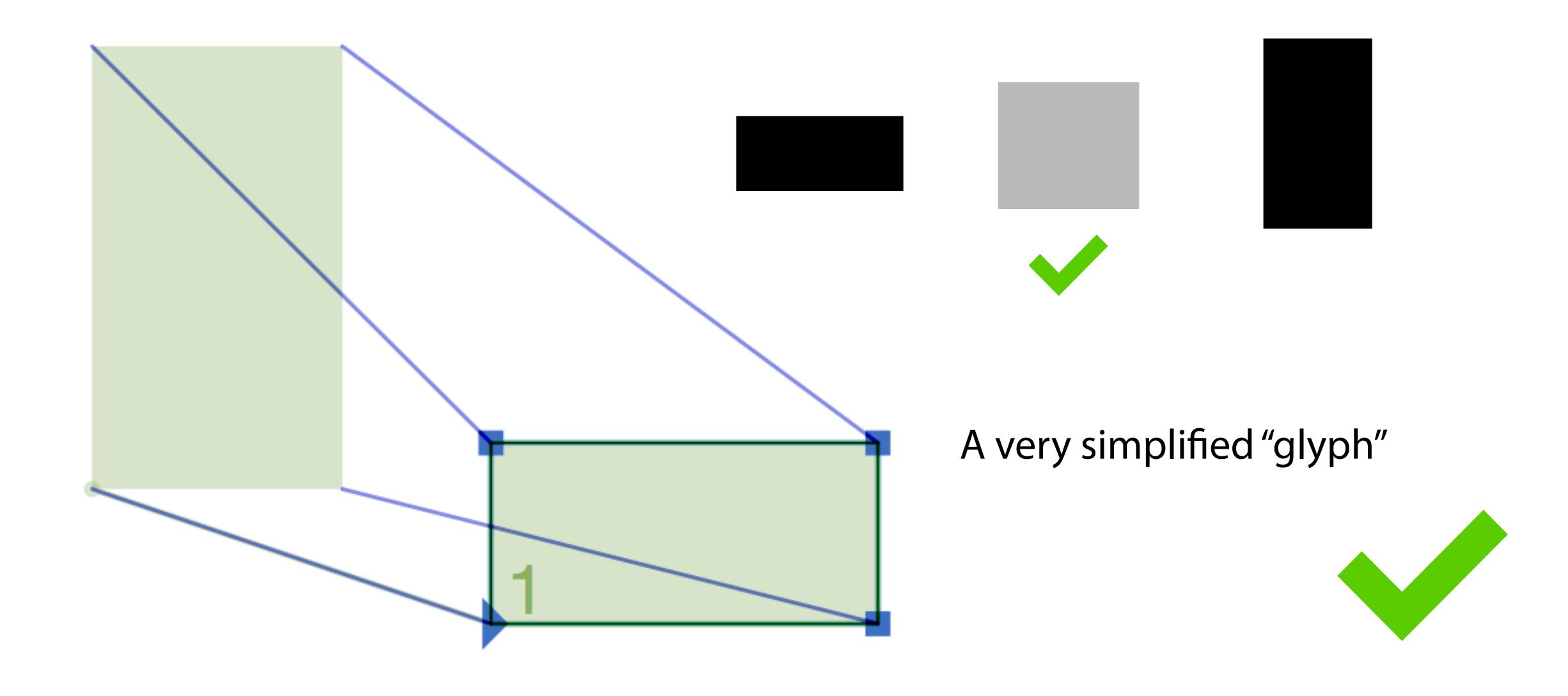
#### Path Compatibility - Per glyph

#### The masters need to have:

- Same node count
- Same start node
- Same Path Directions
- Same order of shapes
- (Same Anchors)



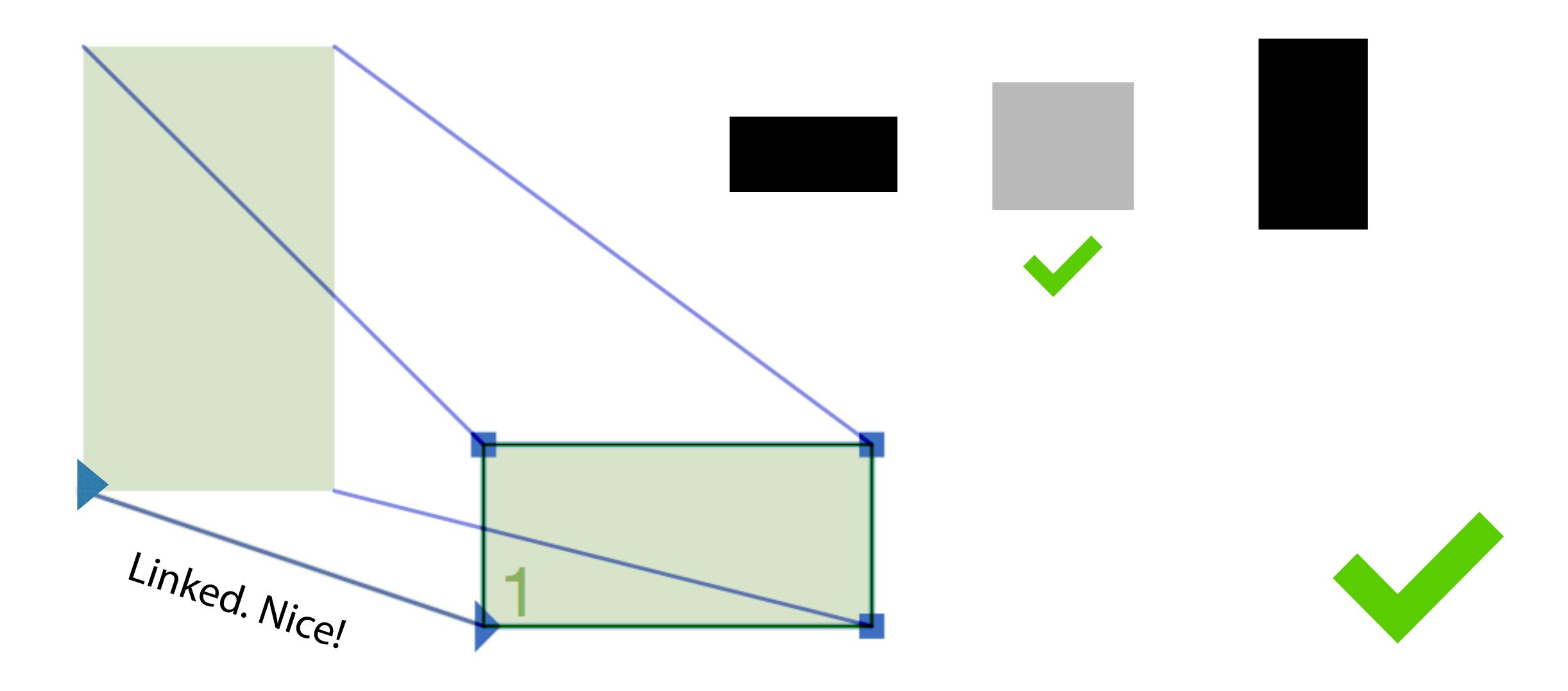
#### Matching node count



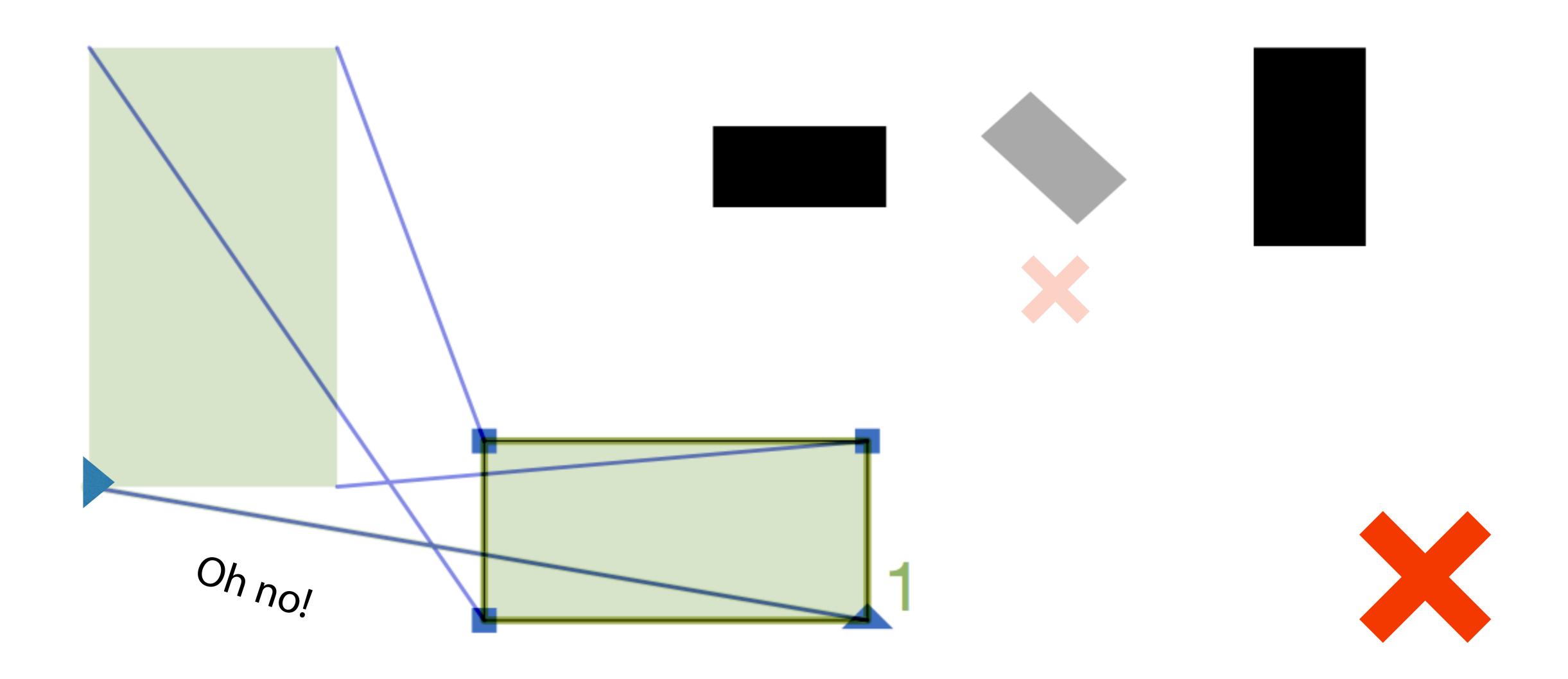
#### Matching node count

4 nodes 5 nodes!

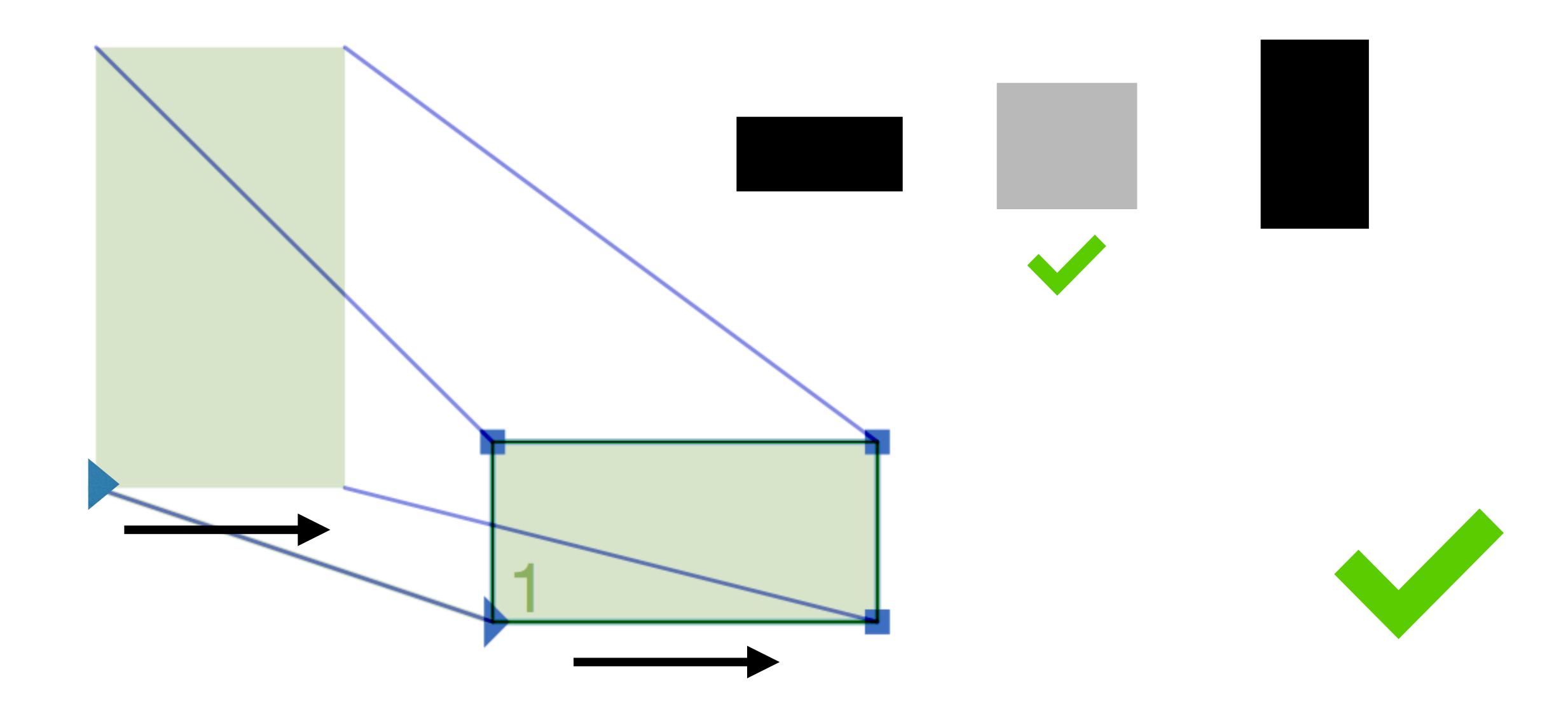
#### Matching start node



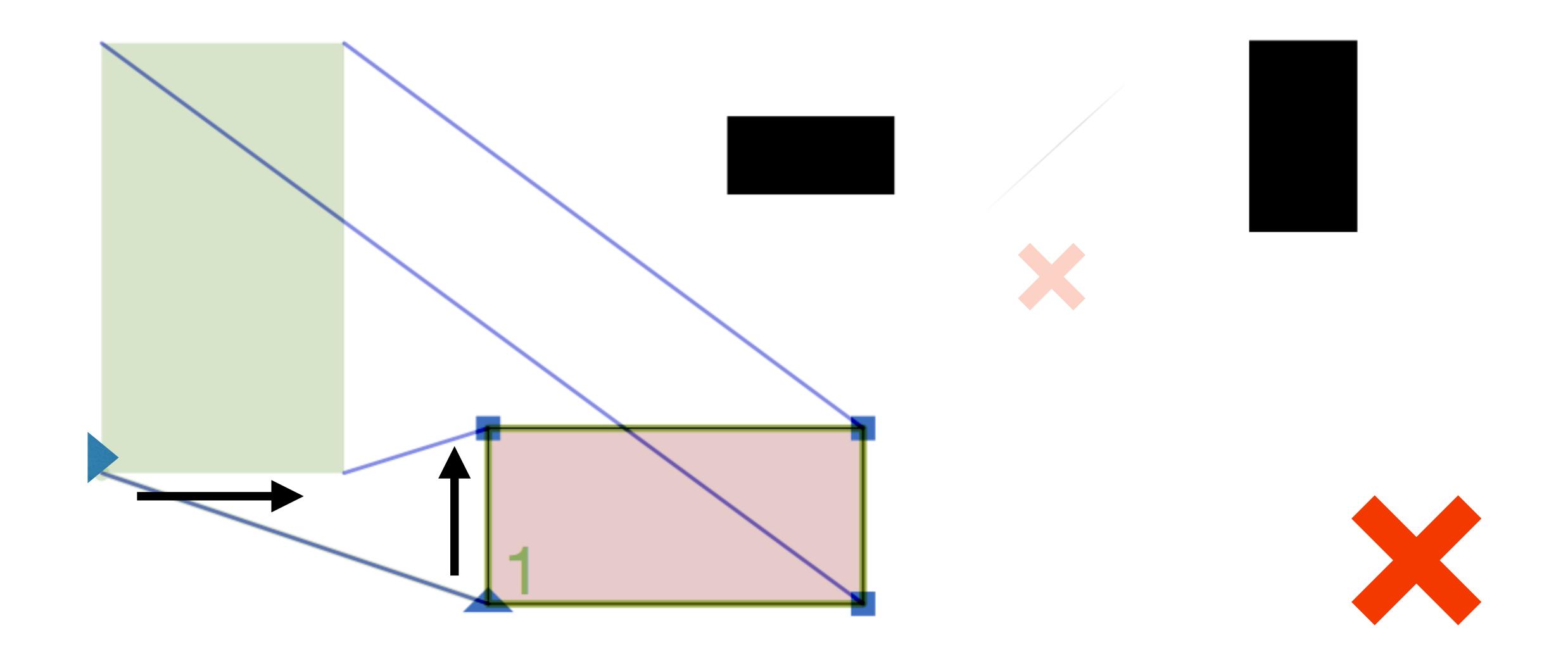
#### Matching start node

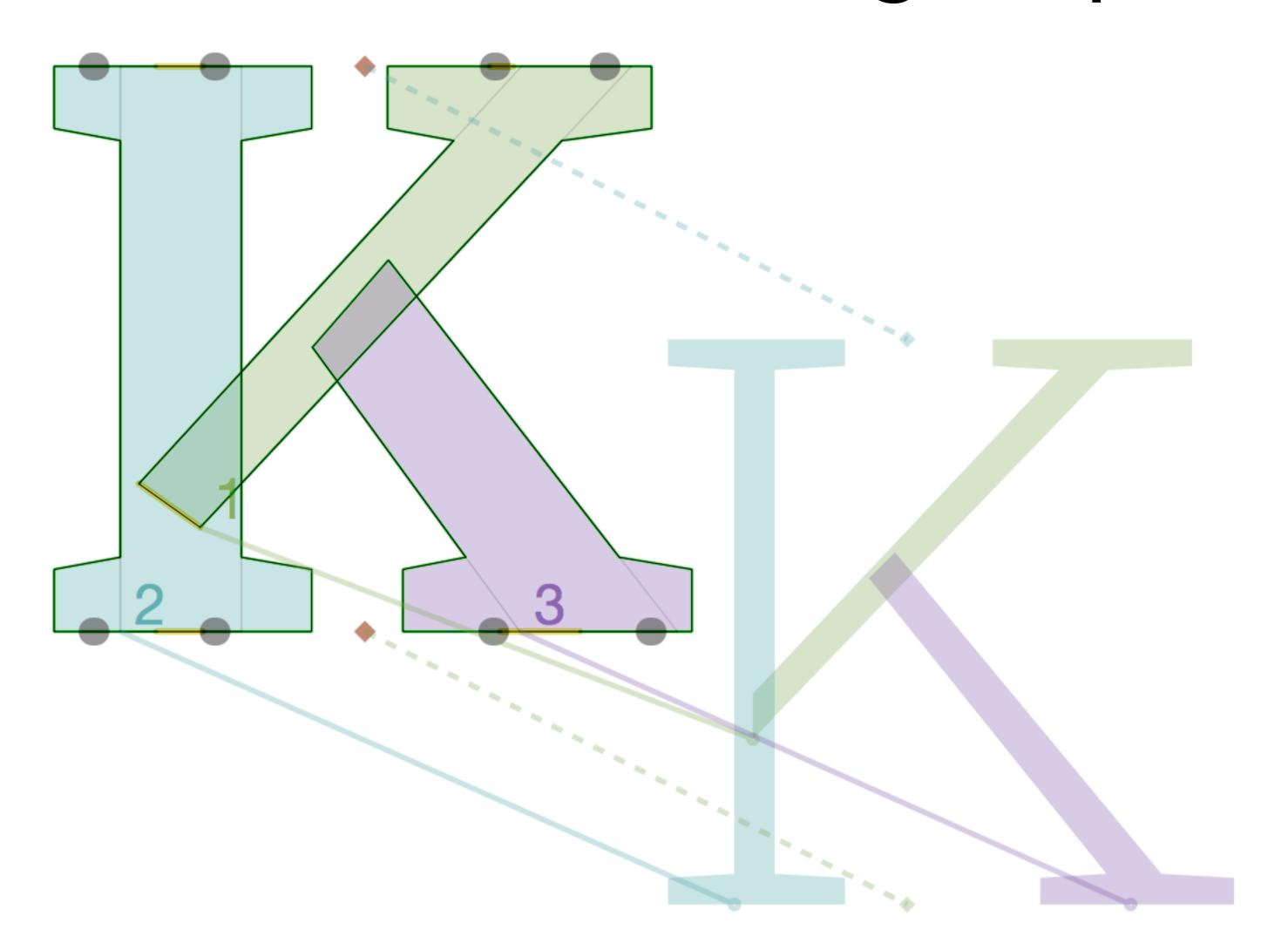


#### Matching Path direction

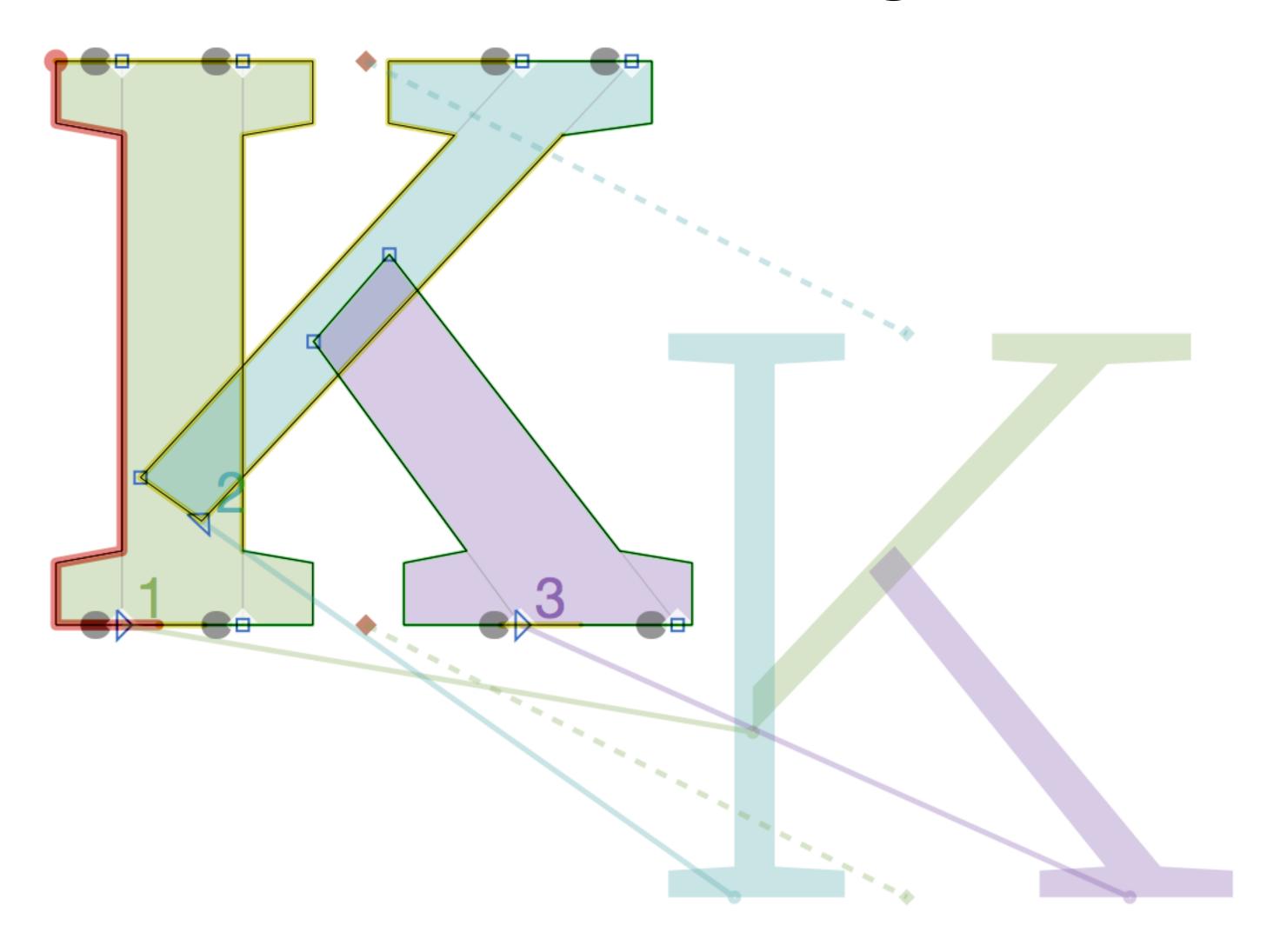


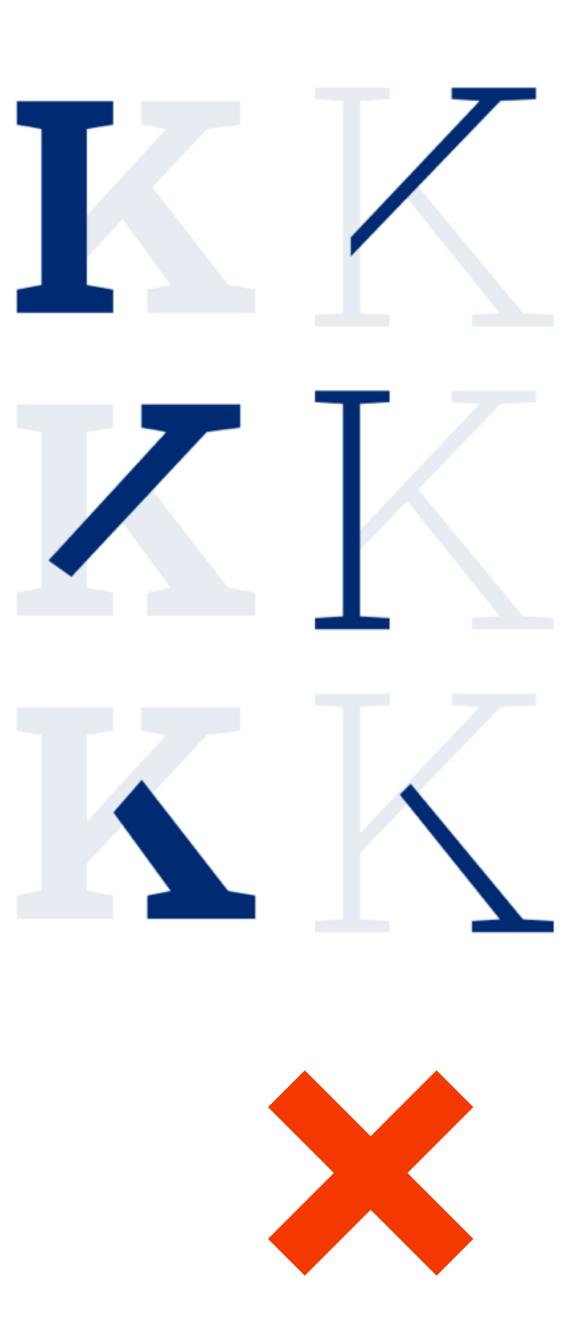
#### Matching Path direction



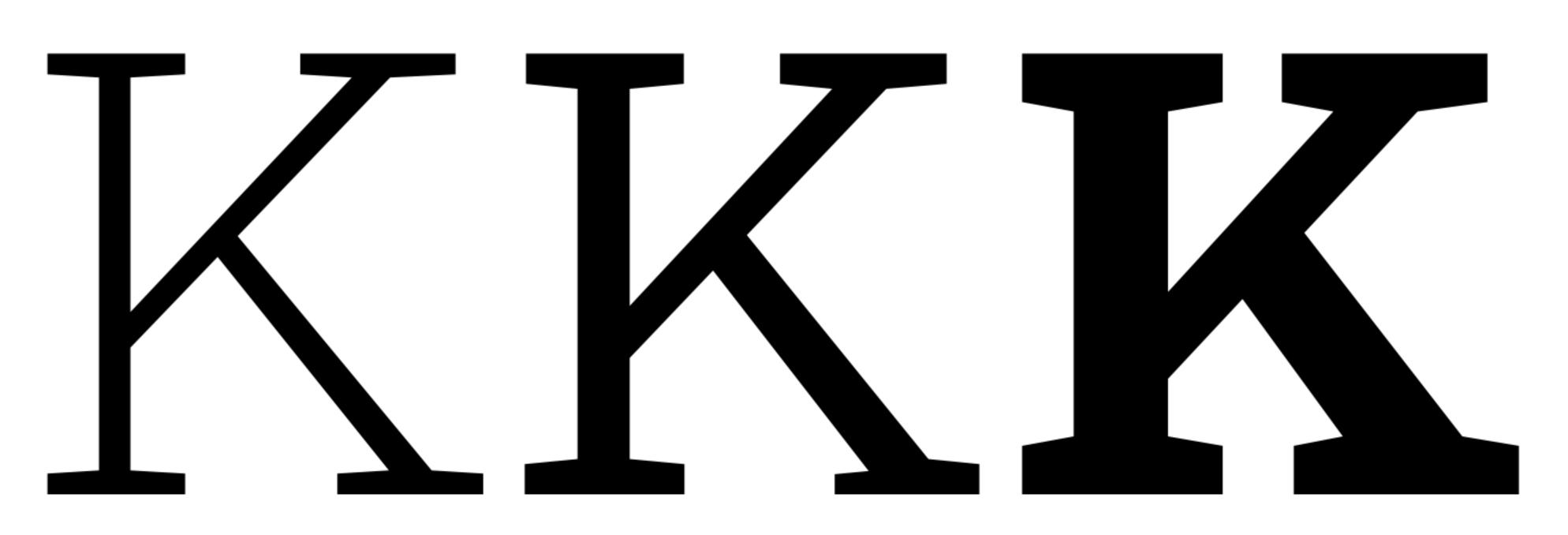








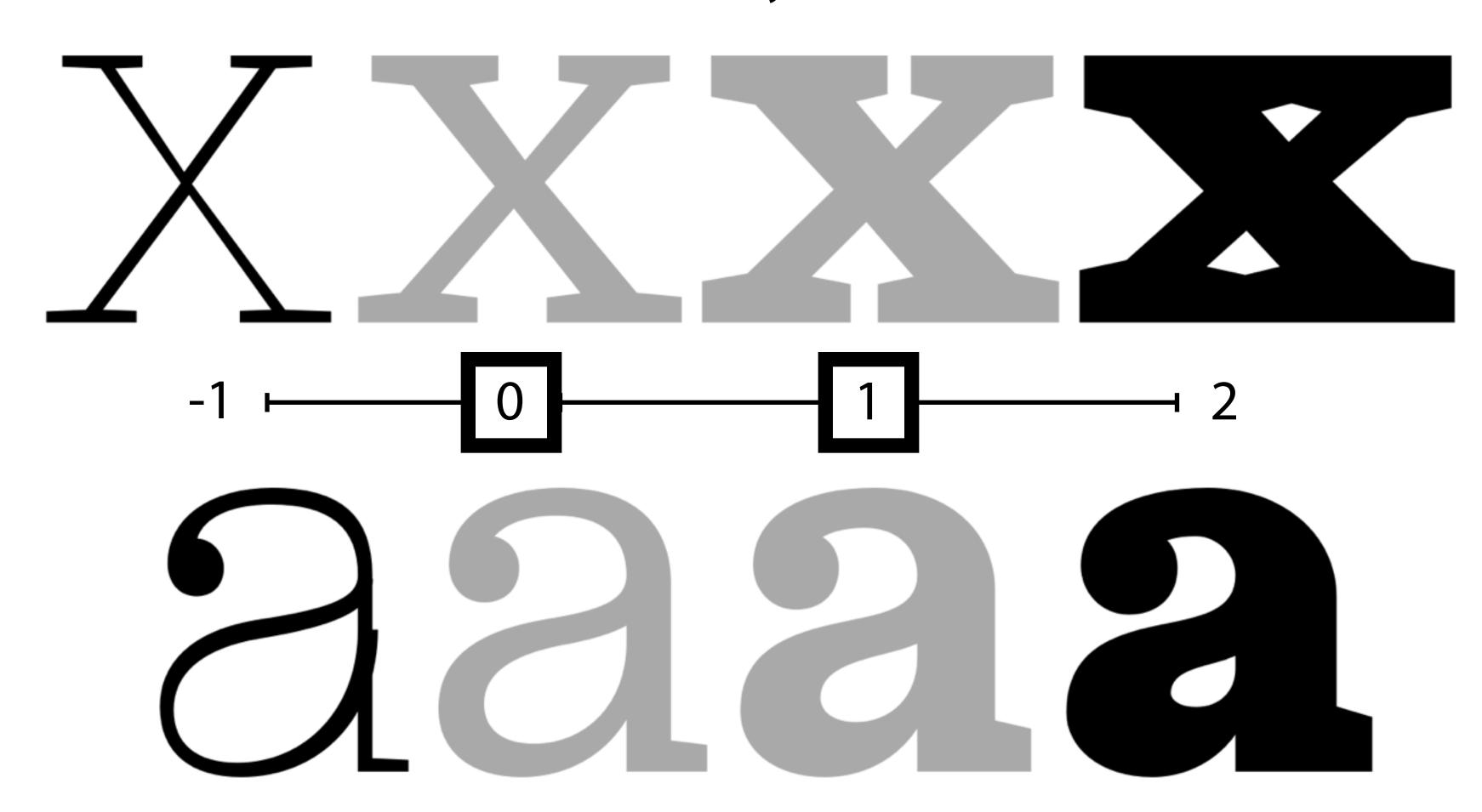






#### Extrapolation

Can work but many times doesn't



#### Good resources

Glyphs tutorial on setting up masters and instances

https://www.glyphsapp.com/tutorials/multiple-masters-part-1-setting-up-masters

Tips on determining a good weight distribution

http://www.lucasfonts.com/about/interpolation-theory/

### Thanks!



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## Live Glyphs example from scratch?