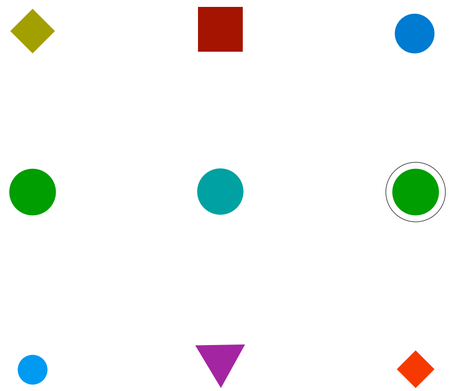
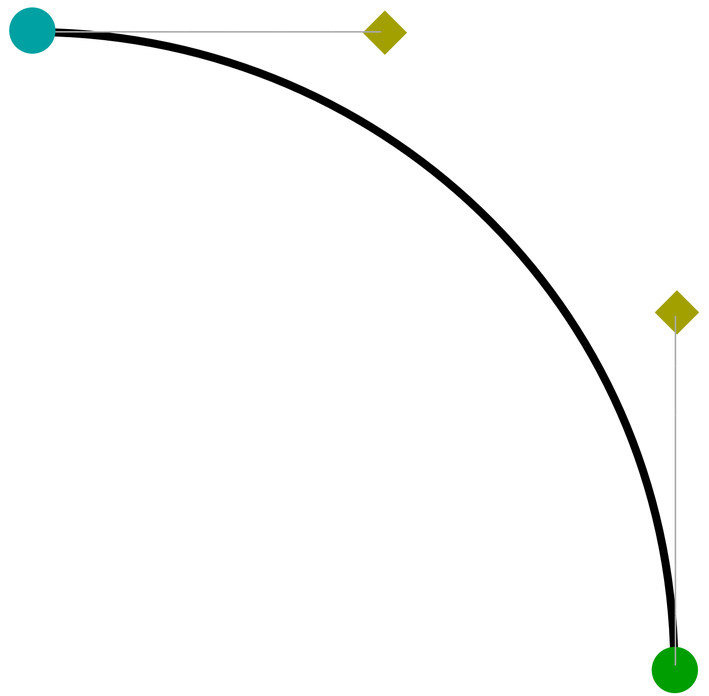
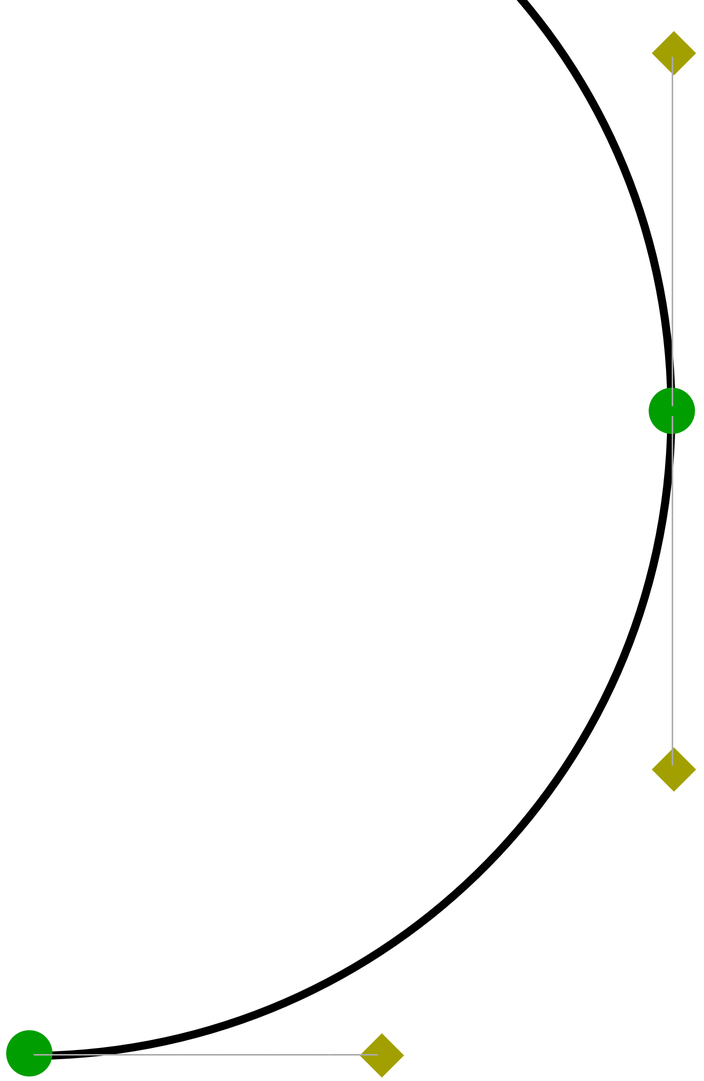
This is a **point**.

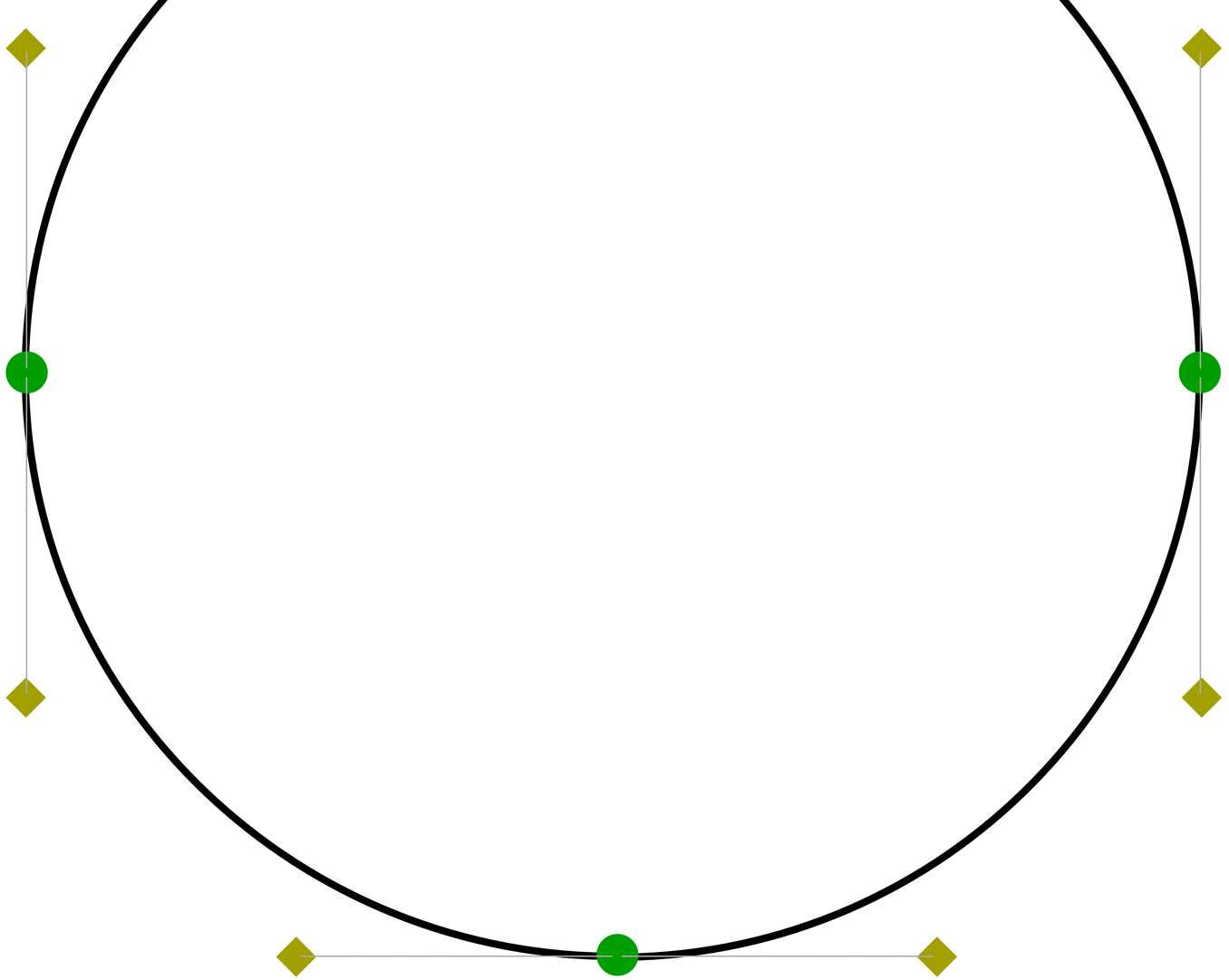


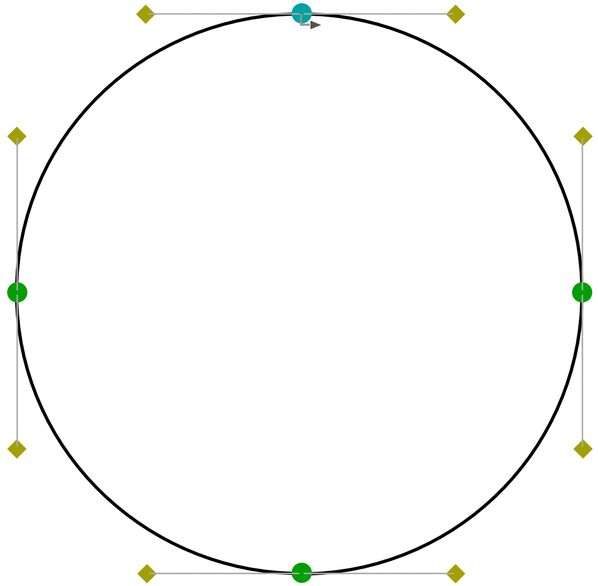
Fonts are made of various points.

This is a **segment**.

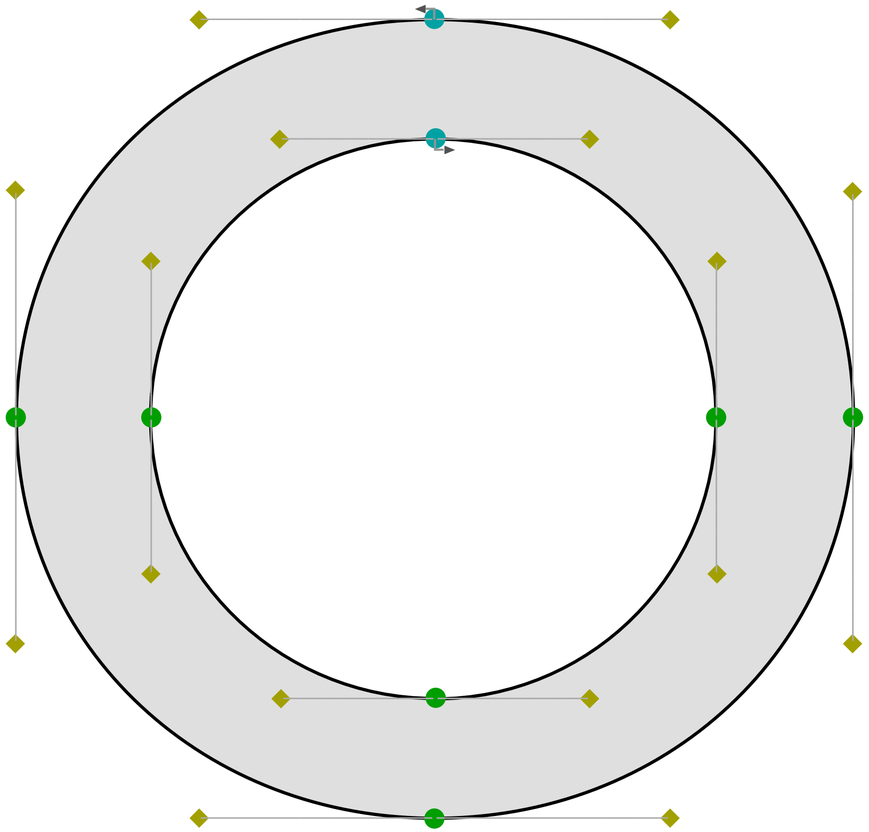




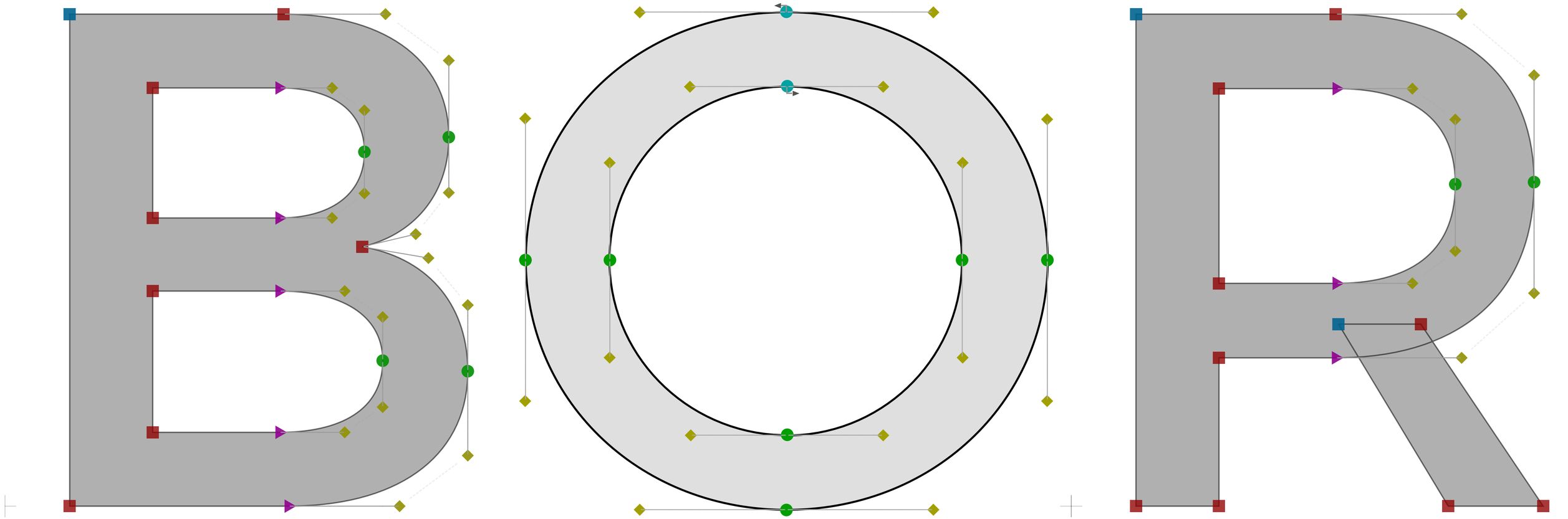




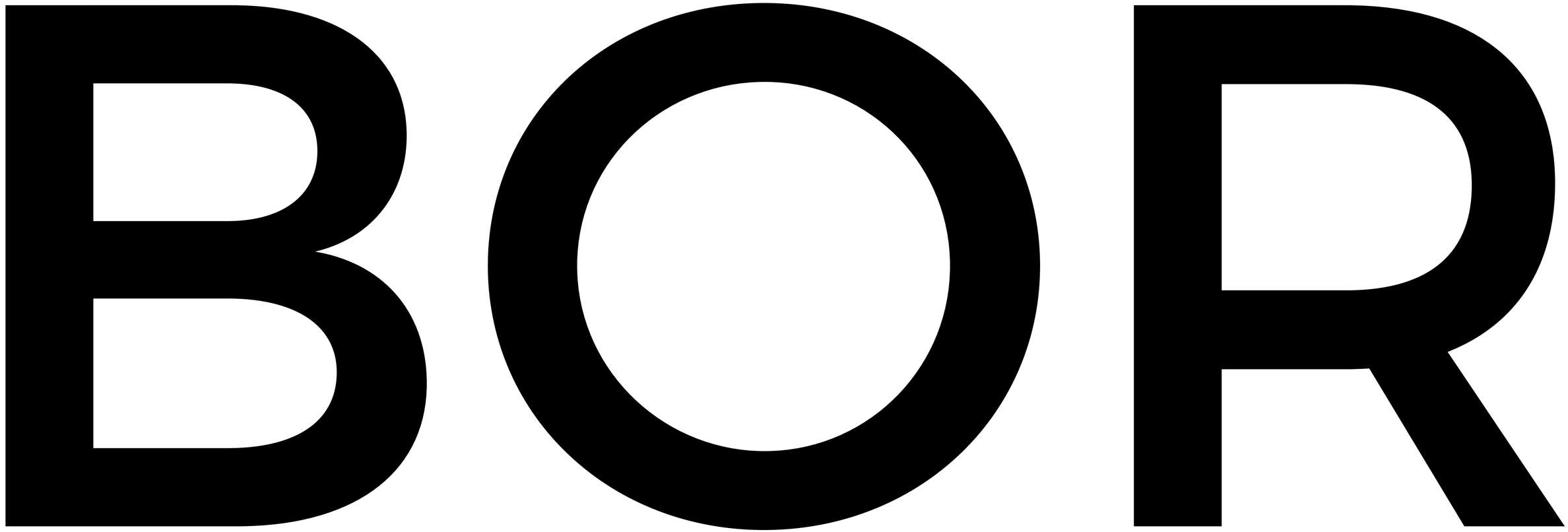
This is a **contour**.



This is a **shape**. It is made of contours.



Glyphs are made of shapes.



And a **font** is made of glyphs.

OLORE MAGNA ALIQUA
ENIM AD MINIM VENIAM
S NOSTRUD EXERCITAT
AMCO LABORIS NISI UT
QUIP EX EA COMMODO
ISEQUAT. DUIS AUTE IR
OR IN REPREHENDERIT
OLUPTATE VELIT ESSE

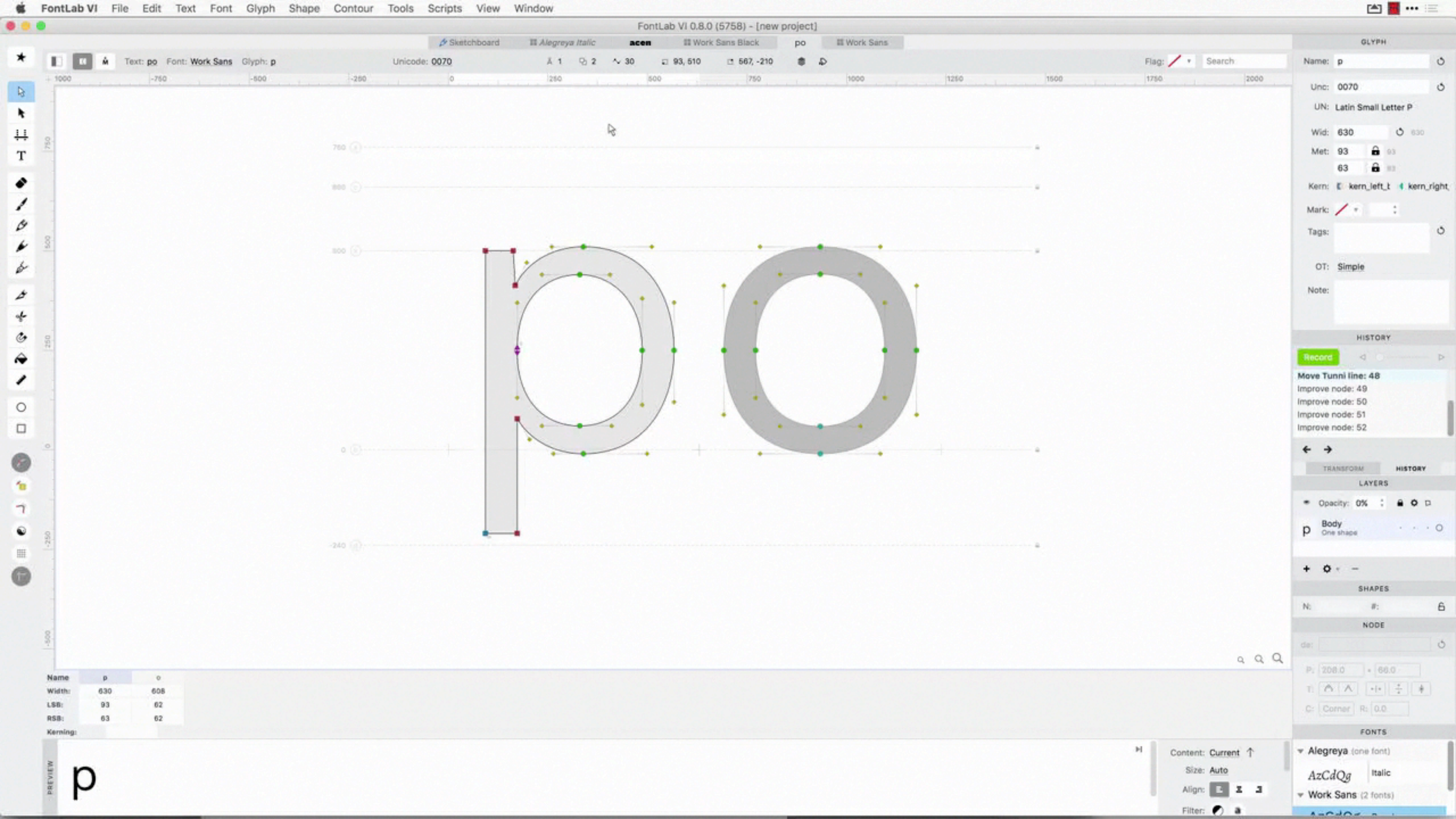
BOR

FontLab VI

Seriously
better Béziers

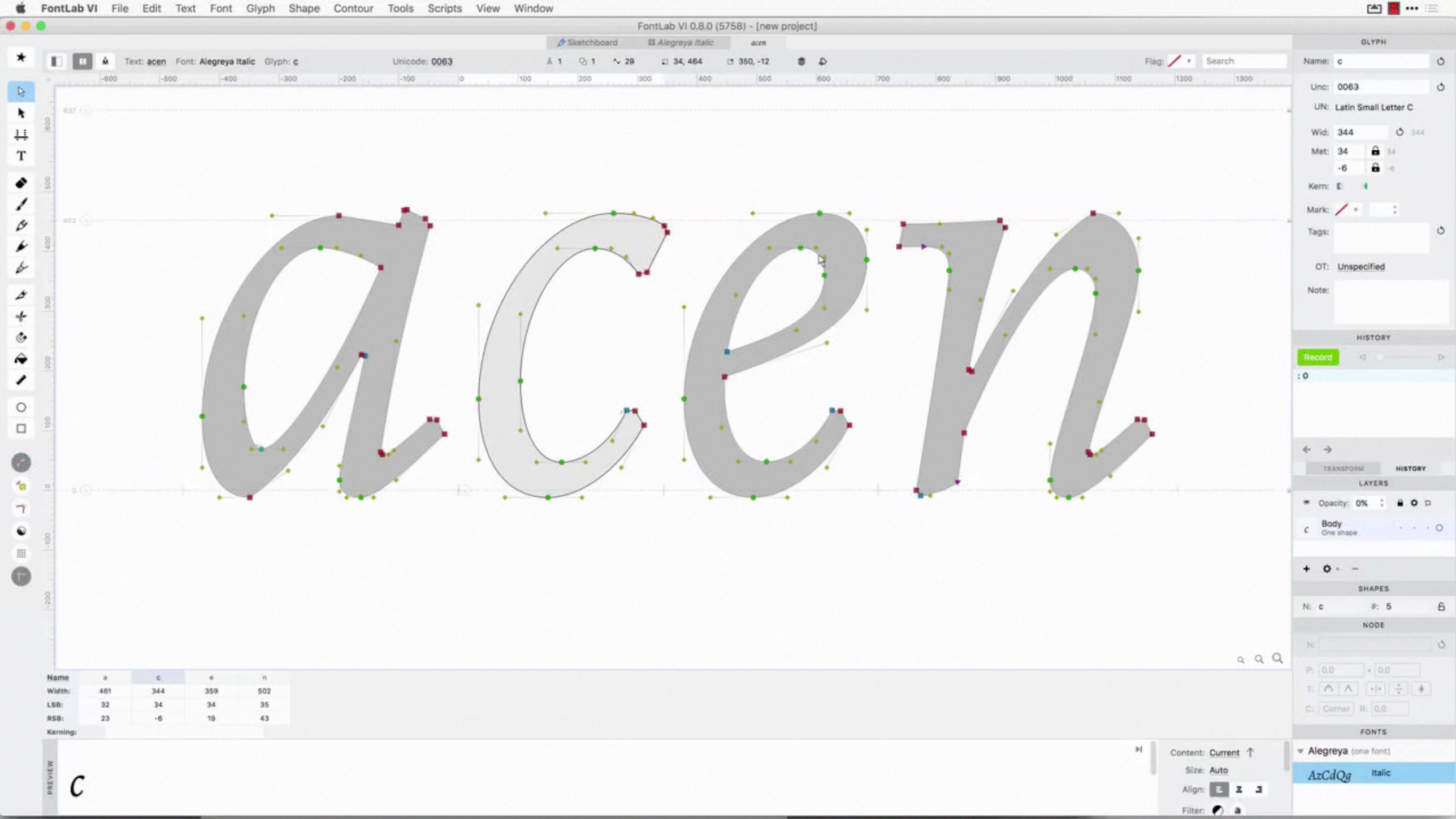
Control the form, not just points

Balance
Tension
Tunni line & point


FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
FontLab VI 0.8.0 (5758) - [new project]
Sketchboard
Alegreya Italic
acen
Work Sans Black
po
Work Sans
Text: po Font: Work Sans Glyph: p
Unicode: 0070
Flag:
Search
GLYPH
Name: p
Unc: 0070
UN: Latin Small Letter P
Wid: 630
Met: 93
63
Kern: kern_left_t kern_right
Mark:
Tags:
OT: Simple
Note:
HISTORY
Record
Move Tunni line: 48
Improve node: 49
Improve node: 50
Improve node: 51
Improve node: 52
TRANSFORM
HISTORY
LAYERS
Opacity: 0%
Body
One shape
SHAPES
N:
#:
NODE
P: 208.0
T:
C: Corner
R: 0.0
FONTS
Alegreya (one font)
AzCdQg
Italic
Work Sans (2 fonts)
Name p o
Width: 630 608
LSB: 93 62
RSB: 63 62
Kerning:
PREVIEW
p
Content: Current
Size: Auto
Align:
Filter:

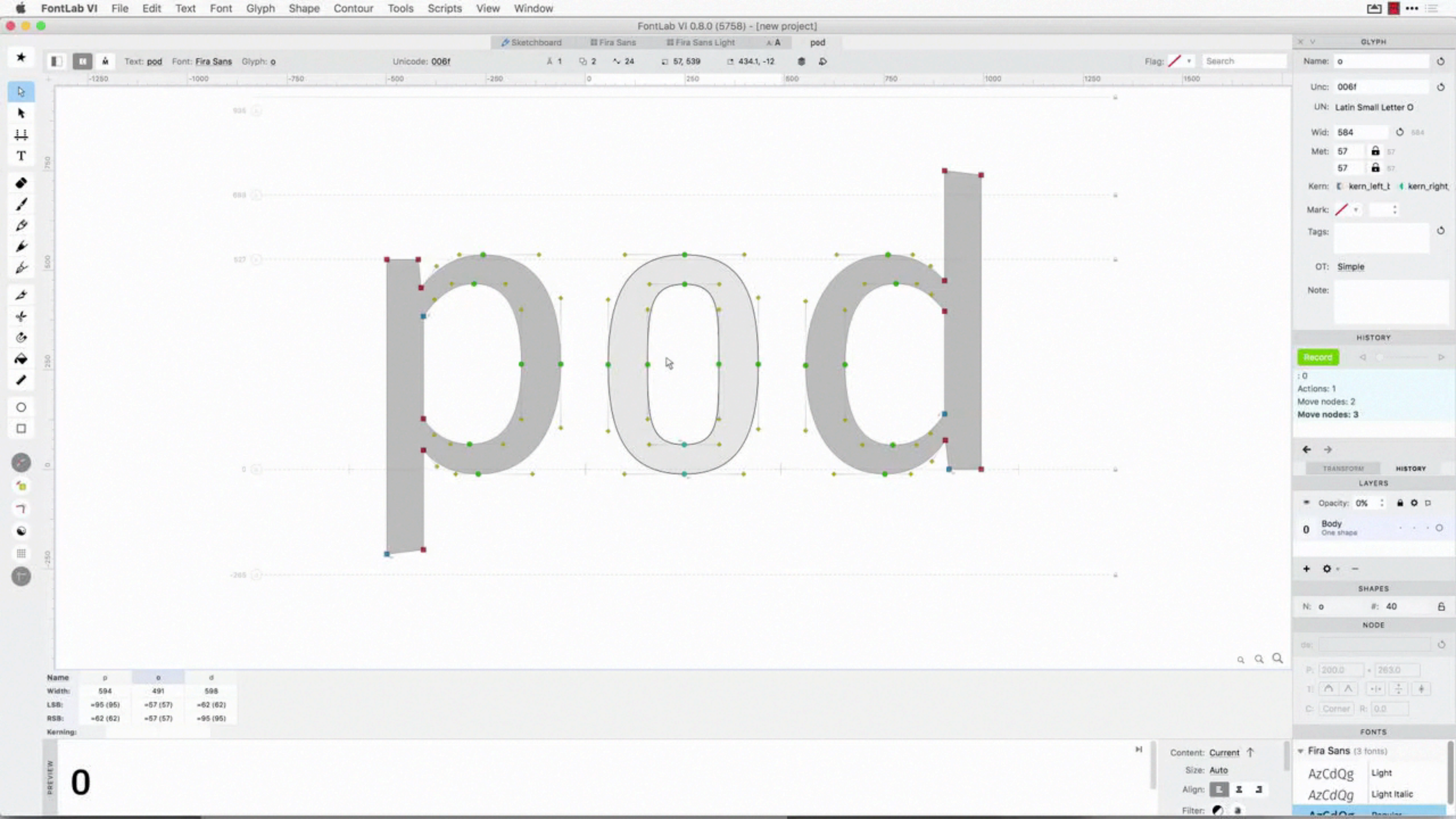
Control the form, not just points

Slide node

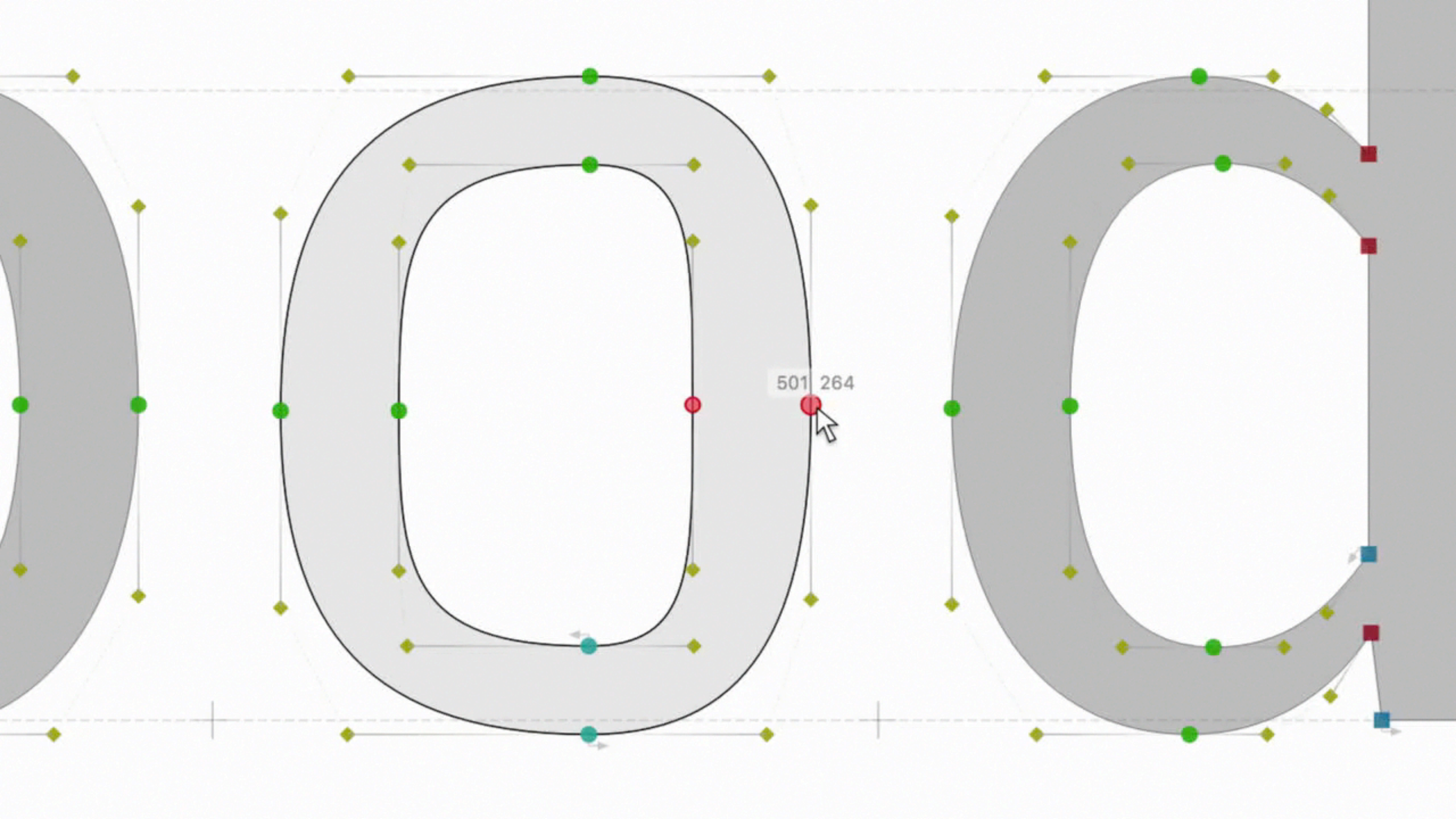

FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
FontLab VI 0.8.0 (5758) - [new project]
Sketchboard
Alegreya Italic
acen
Text: acen Font: Alegreya Italic Glyph: c
Unicode: 0063
Flag:
Search
GLYPH
Name: c
Unc: 0063
UN: Latin Small Letter C
Wid: 344
Met: 34
-6
Kern:
Mark:
Tags:
OT: Unspecified
Note:
HISTORY
Record
TRANSFORM
HISTORY
LAYERS
Opacity: 0%
Body
One shape
SHAPES
N: c
#: 5
NODE
FONTS
Alegreya (one font)
AzCdQg
Italic
Name a c e n
Width: 461 344 359 502
LSB: 32 34 34 35
RSB: 23 -6 19 43
Kerning:
PREVIEW
c
Content: Current
Size: Auto
Align:
Filter:

Adjust big-time in no time

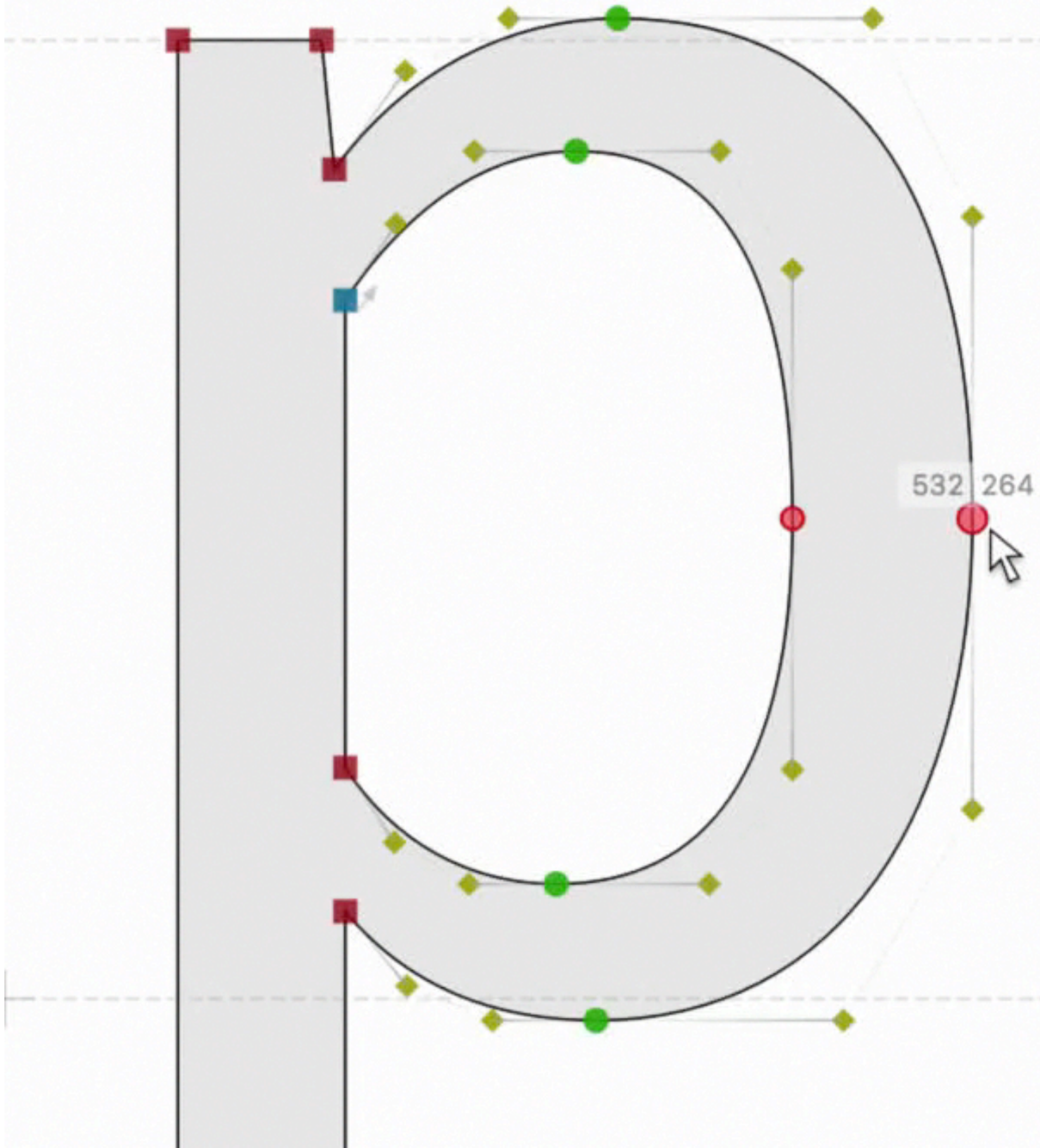
Servant nodes
Nudge
Power Nudge

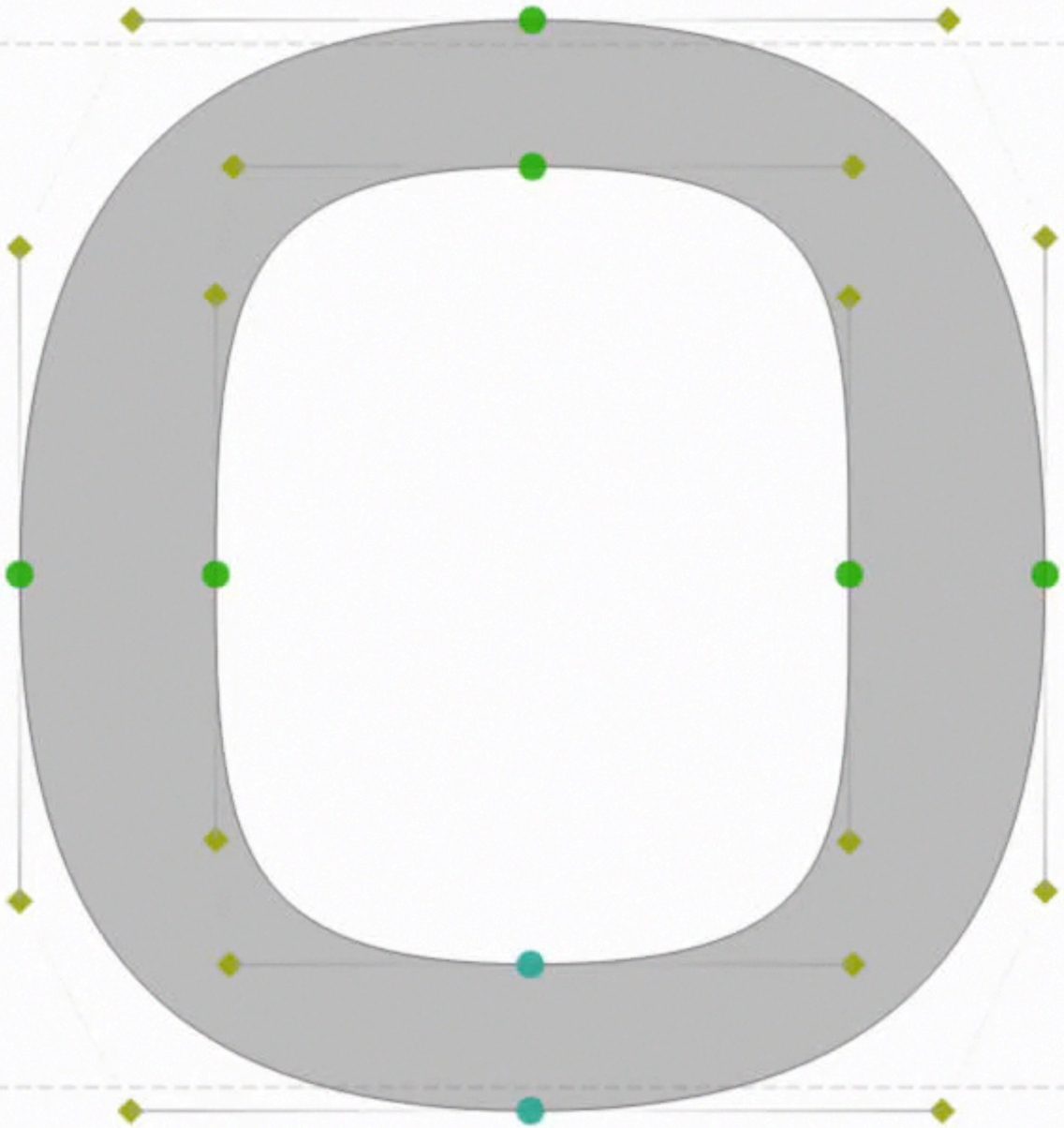

FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
FontLab VI 0.8.0 (5758) - [new project]
Sketchboard
Fira Sans
Fira Sans Light
pod
Text: pod Font: Fira Sans Glyph: o
Unicode: 006f
Flag:
Search
GLYPH
Name: o
Unc: 006f
UN: Latin Small Letter O
Wid: 584
Met: 57
Kern:
Mark:
Tags:
OT: Simple
Note:
HISTORY
Record
Actions: 1
Move nodes: 2
Move nodes: 3
TRANSFORM
HISTORY
LAYERS
Opacity: 0%
Body
One shape
SHAPES
N: o
#: 40
NODE
FONTS
Fira Sans (3 fonts)
AzCdQg Light
AzCdQg Light Italic
Name
Width:
LSB:
RSB:
Kerning:
p
o
d
594
491
598
-95 (95)
-57 (57)
-62 (62)
-62 (62)
-57 (57)
-95 (95)
PREVIEW
0
Content: Current
Size: Auto
Align:
Filter:

Nudge


501 264

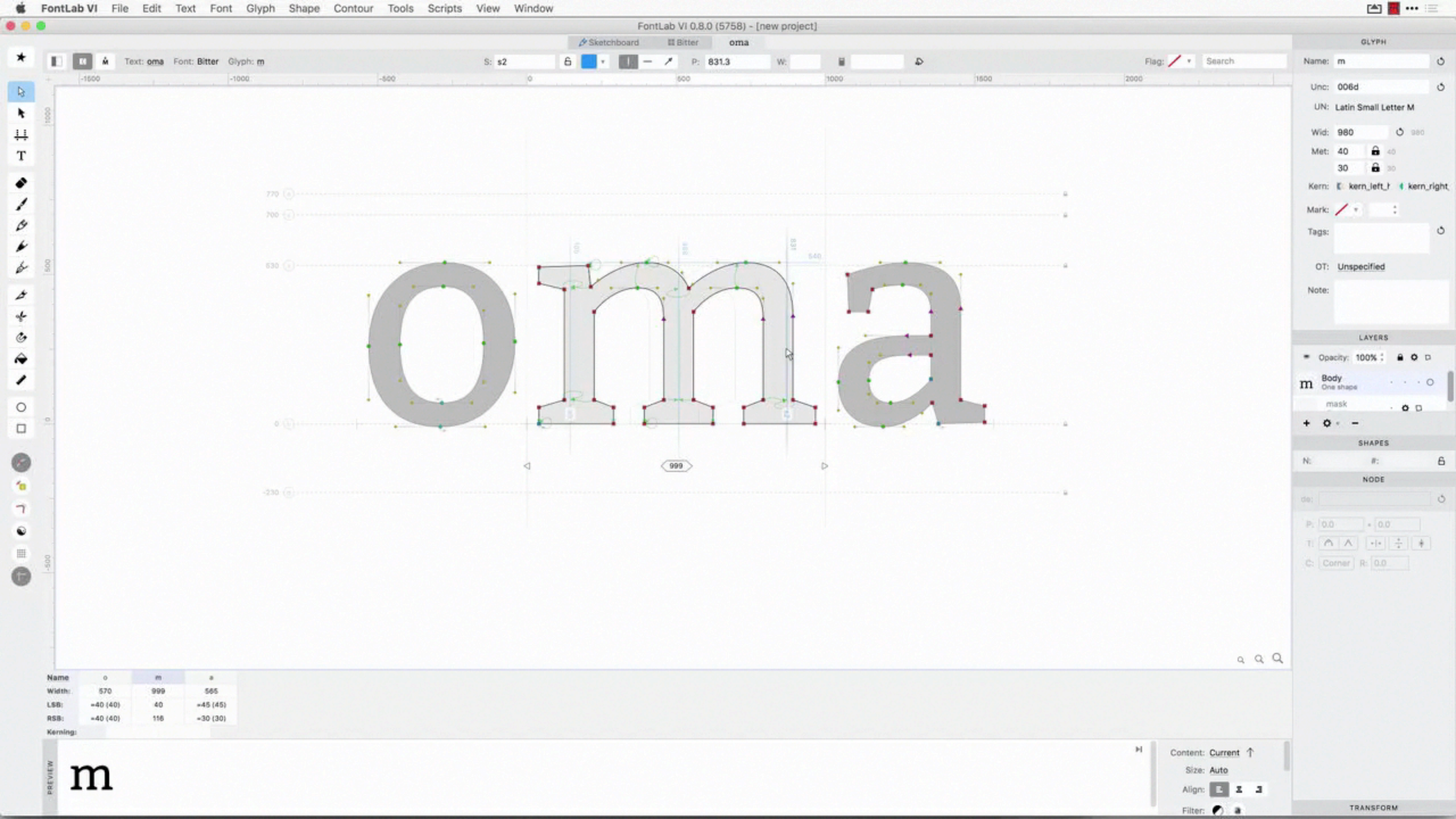
Power Nudge


532 264



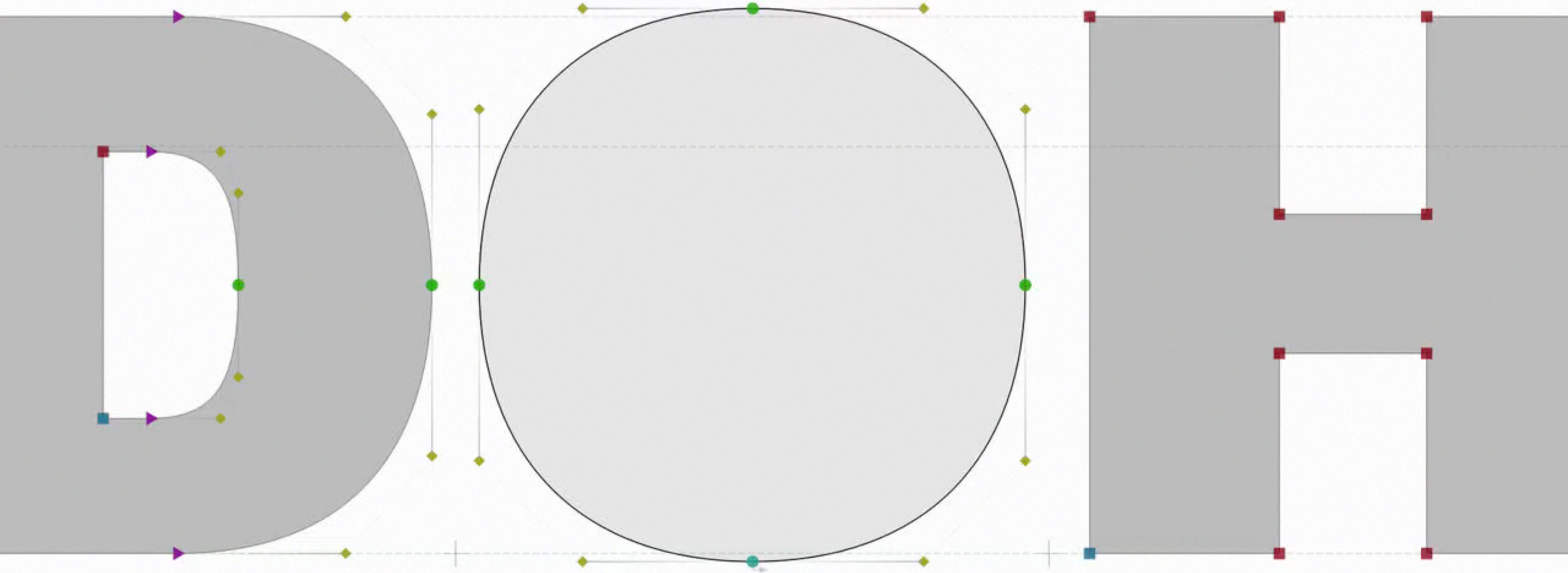
Power Guides

Magnet tool


FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
FontLab VI 0.8.0 (5758) - [new project]
Sketchboard
Bitter
oma
Text: oma
Font: Bitter
Glyph: m
GLYPH
Name: m
Unc: 006d
UN: Latin Small Letter M
Wid: 980
Met: 40
30
Kern: kern_left_
kern_right
Mark:
Tags:
OT: Unspecified
Note:
LAYERS
Opacity: 100%
Body
One shape
mask
SHAPES
NODE
TRANSFORM
Name o m a
Width: 570 999 565
LSB: =40 (40) 40 =45 (45)
RSB: =40 (40) 116 =30 (30)
Kerning:
PREVIEW
m
Content: Current
Size: Auto
Align:
Filter:

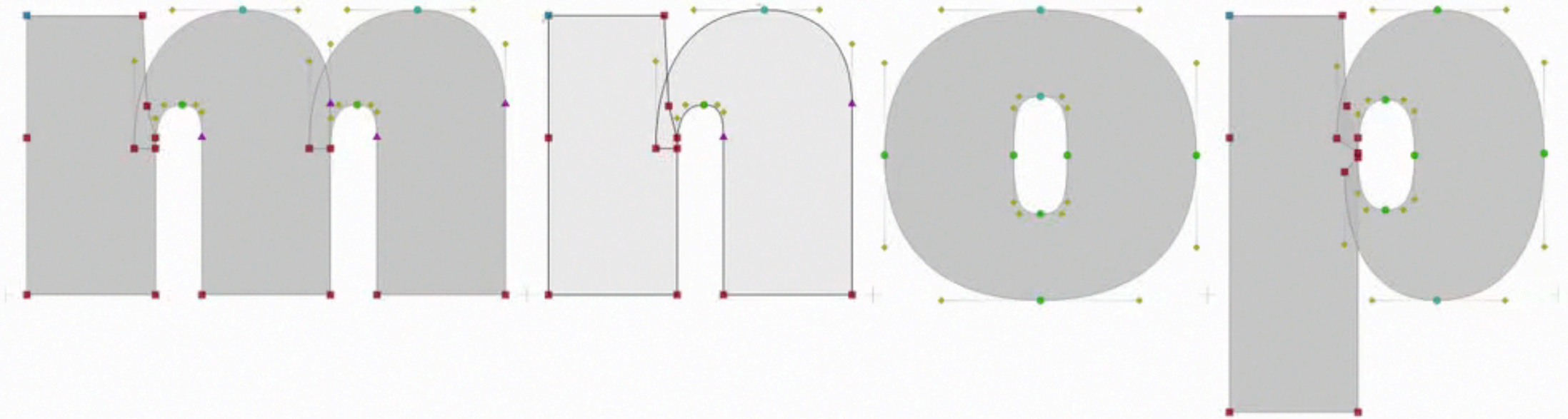
Consistency and precision

Suggest snap


DOH

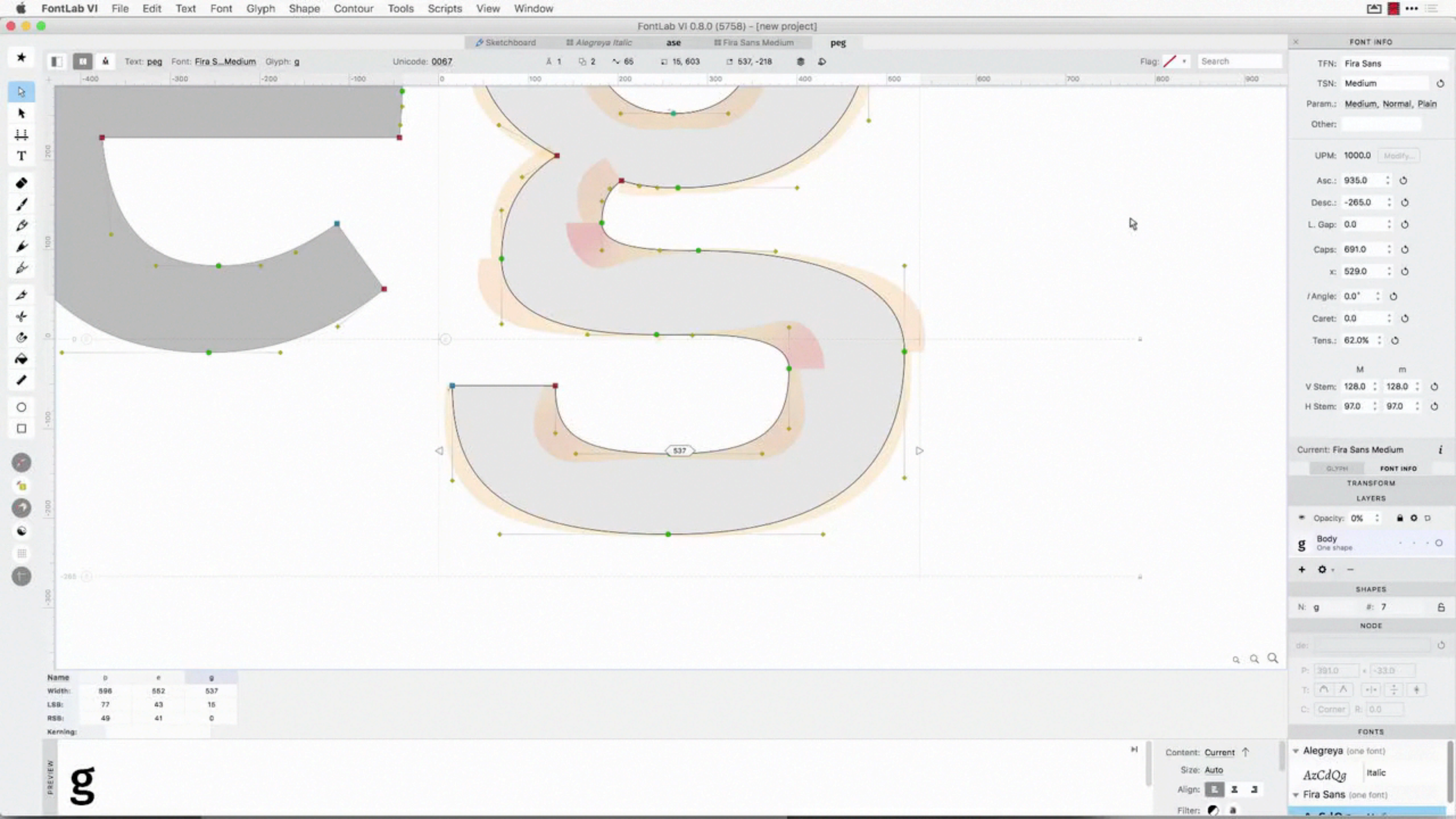
Consistency and precision

Guidelines

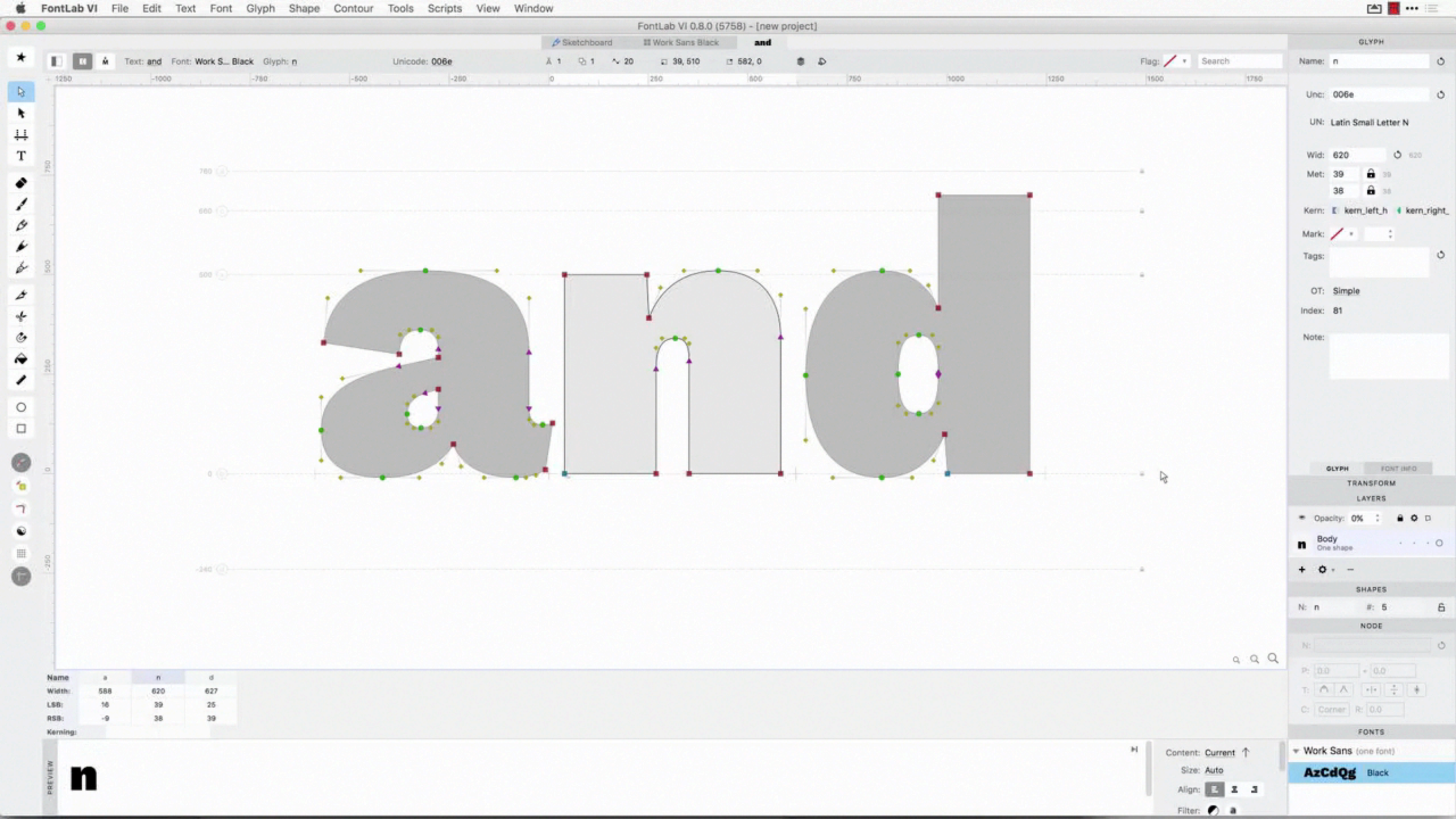

mnop

Smooth the bumpy curves

Harmonize
Genius node
Curvature
Eraser

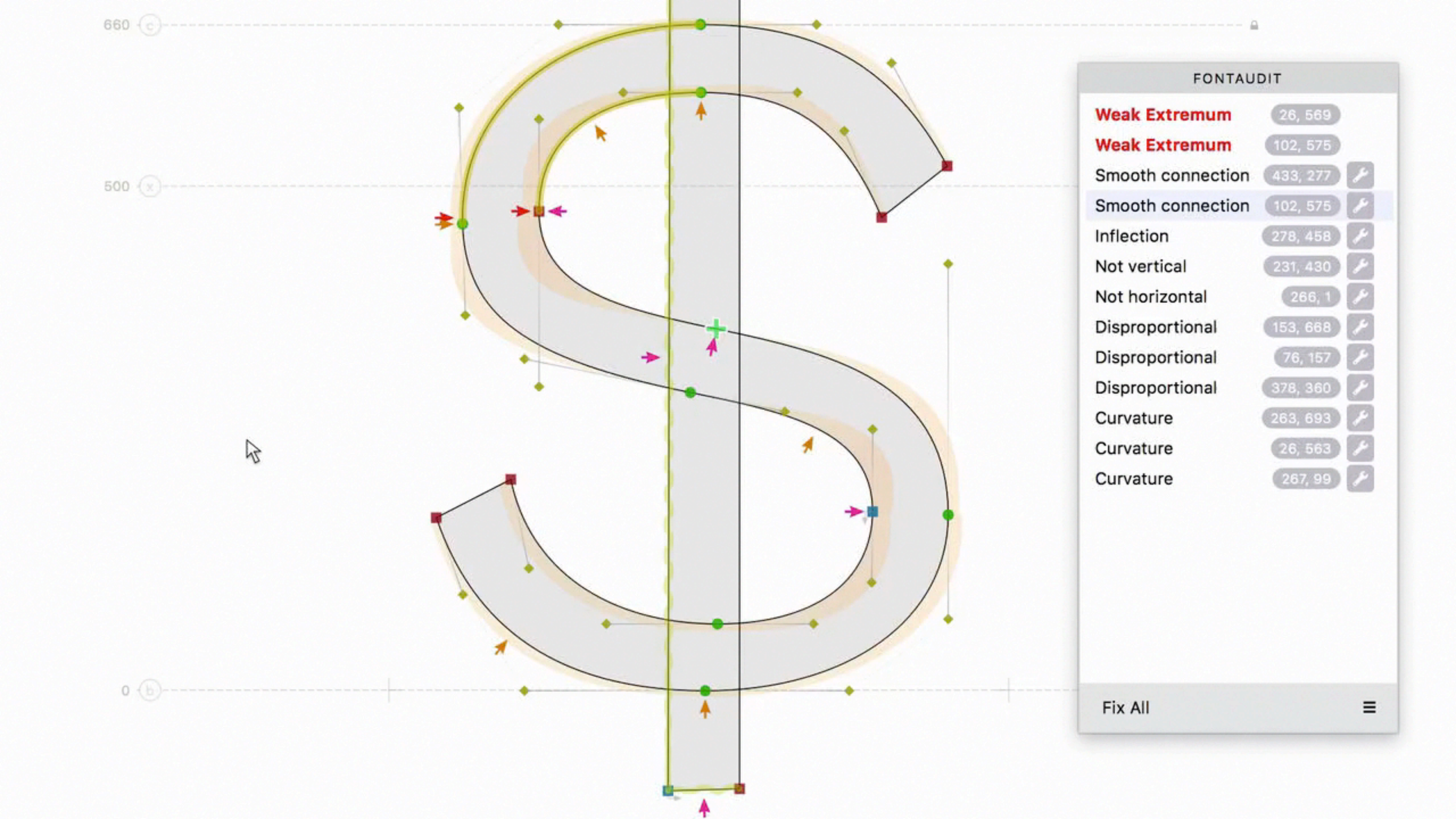

FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
FontLab VI 0.8.0 (5758) – [new project]
Sketchboard
Alegreya Italic
ase
Fira Sans Medium
peg
Text: peg Font: Fira S...Medium Glyph: g Unicode: 0067
Search
FONT INFO
TFN: Fira Sans
TSN: Medium
Param.: Medium, Normal, Plain
Other:
UPM: 1000.0
Asc.: 935.0
Desc.: -265.0
L. Gap: 0.0
Caps: 691.0
x: 529.0
/ Angle: 0.0°
Caret: 0.0
Tens.: 62.0%
M m
V Stem: 128.0 128.0
H Stem: 97.0 97.0
537
Current: Fira Sans Medium
GLYPH FONT INFO
TRANSFORM
LAYERS
Opacity: 0%
Body
One shape
SHAPES
N: g #: 7
NODE
FONTS
Alegreya (one font)
AzCdQg Italic
Fira Sans (one font)
Name p e g
Width: 596 552 537
LSB: 77 43 16
RSB: 49 41 0
Kerning:
PREVIEW
g
Content: Current
Size: Auto
Align:
Filter:

Smart corners


FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
FontLab VI 0.8.0 (5758) - [new project]
Sketchboard
Work Sans Black
and
Text: and Font: Work S... Black Glyph: n
Unicode: 006e
Flag:
Search
GLYPH
Name: n
Unc: 006e
UN: Latin Small Letter N
Wid: 620
Met: 39
38
Kern: kern_left_h kern_right_
Mark:
Tags:
OT: Simple
Index: 81
Note:
GLYPH
FONT INFO
TRANSFORM
LAYERS
Opacity: 0%
Body
One shape
SHAPES
N: n
#: 5
NODE
FONTS
Work Sans (one font)
AzCdQg Black
Name a n d
Width: 588 620 627
LSB: 16 39 25
RSB: -9 38 39
Kerning:
PREVIEW
Content: Current
Size: Auto
Align:
Filter:

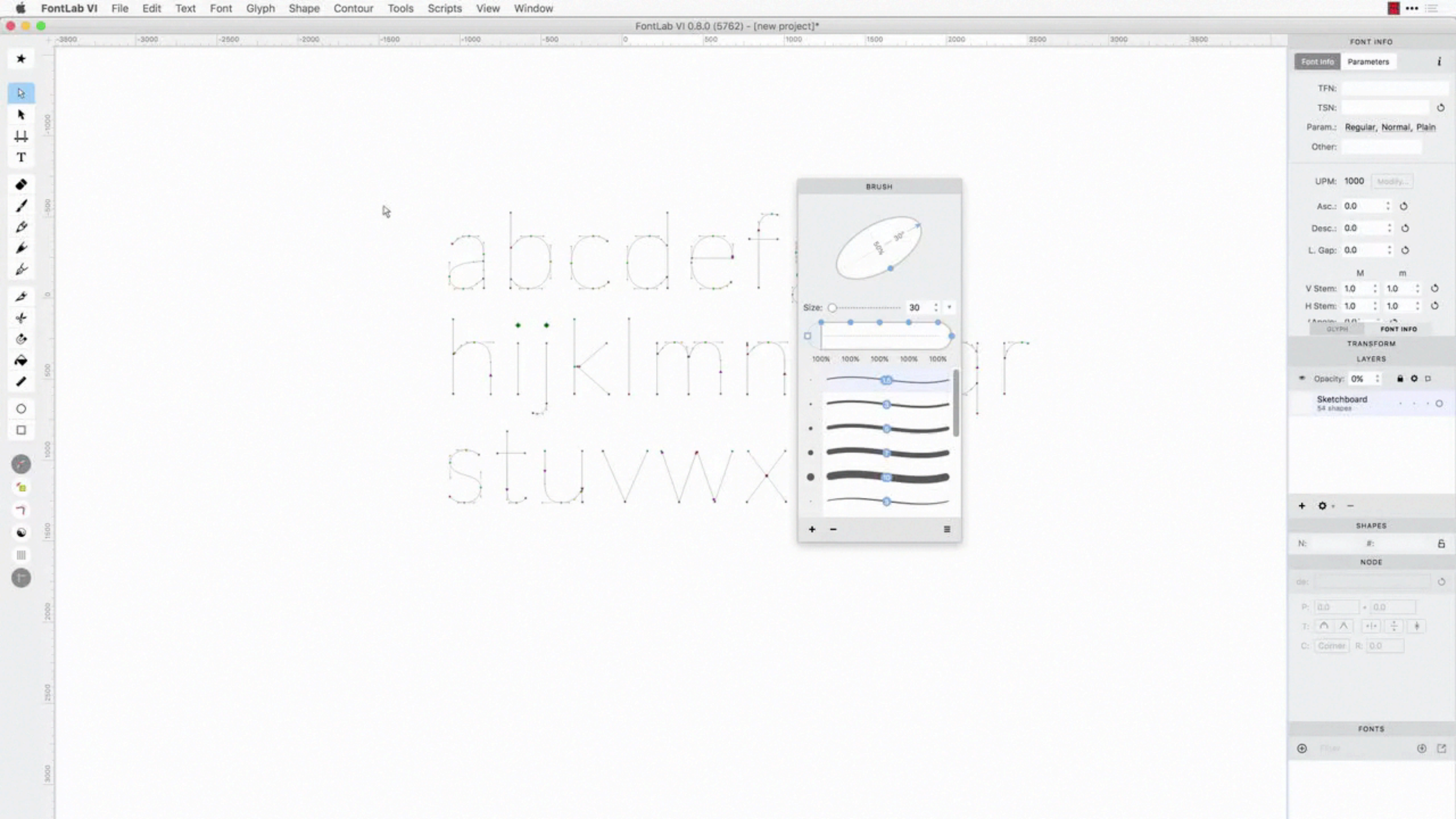
Catch glitches

FontAudit


660
c
500
x
0
b
FONTAUDIT
Weak Extremum 26, 569
Weak Extremum 102, 575
Smooth connection 433, 277
Smooth connection 102, 575
Inflection 278, 458
Not vertical 231, 430
Not horizontal 266, 1
Disproportional 153, 668
Disproportional 76, 157
Disproportional 378, 360
Curvature 263, 693
Curvature 26, 563
Curvature 267, 99
Fix All

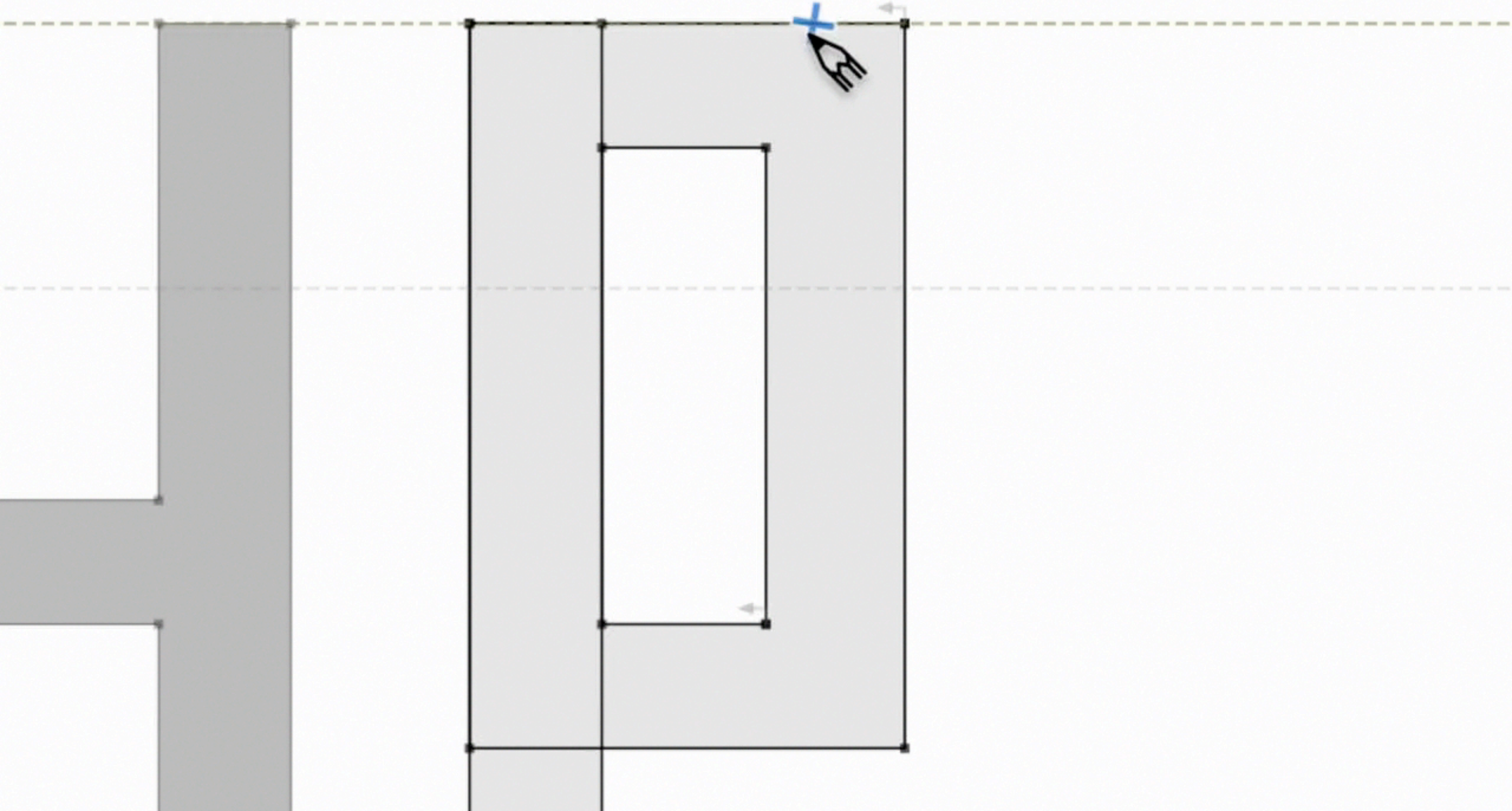
Next-generation drawing

Power Brush


FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
FontLab VI 0.8.0 (5762) - [new project]*
FONT INFO
Font Info
Parameters
TFN:
TSN:
Param.: Regular, Normal, Plain
Other:
UPM: 1000
Asc.: 0.0
Desc.: 0.0
L. Gap: 0.0
M
m
V Stem: 1.0 1.0
H Stem: 1.0 1.0
GLYPH
FONT INFO
TRANSFORM
LAYERS
Opacity: 0%
Sketchboard
54 shapes
SHAPES
N:
#:
NODE
FONTS
BRUSH
Size: 30
100% 100% 100% 100% 100%
a b c d e f
h i j k l m n
s t u v w x

Next-generation drawing

Pencil



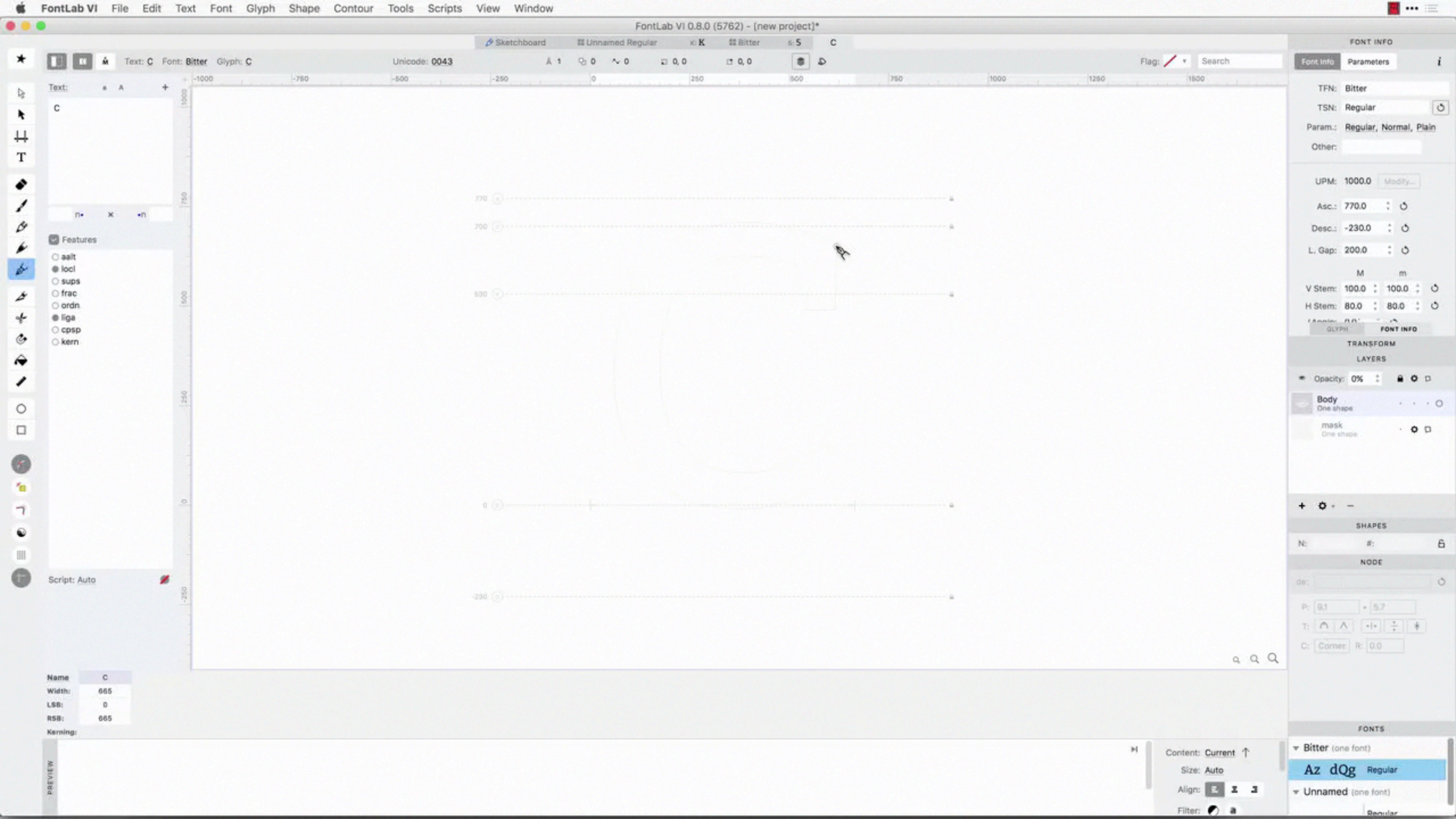
Next-generation drawing

Rapid tool

750
700
600
0
-250
nace

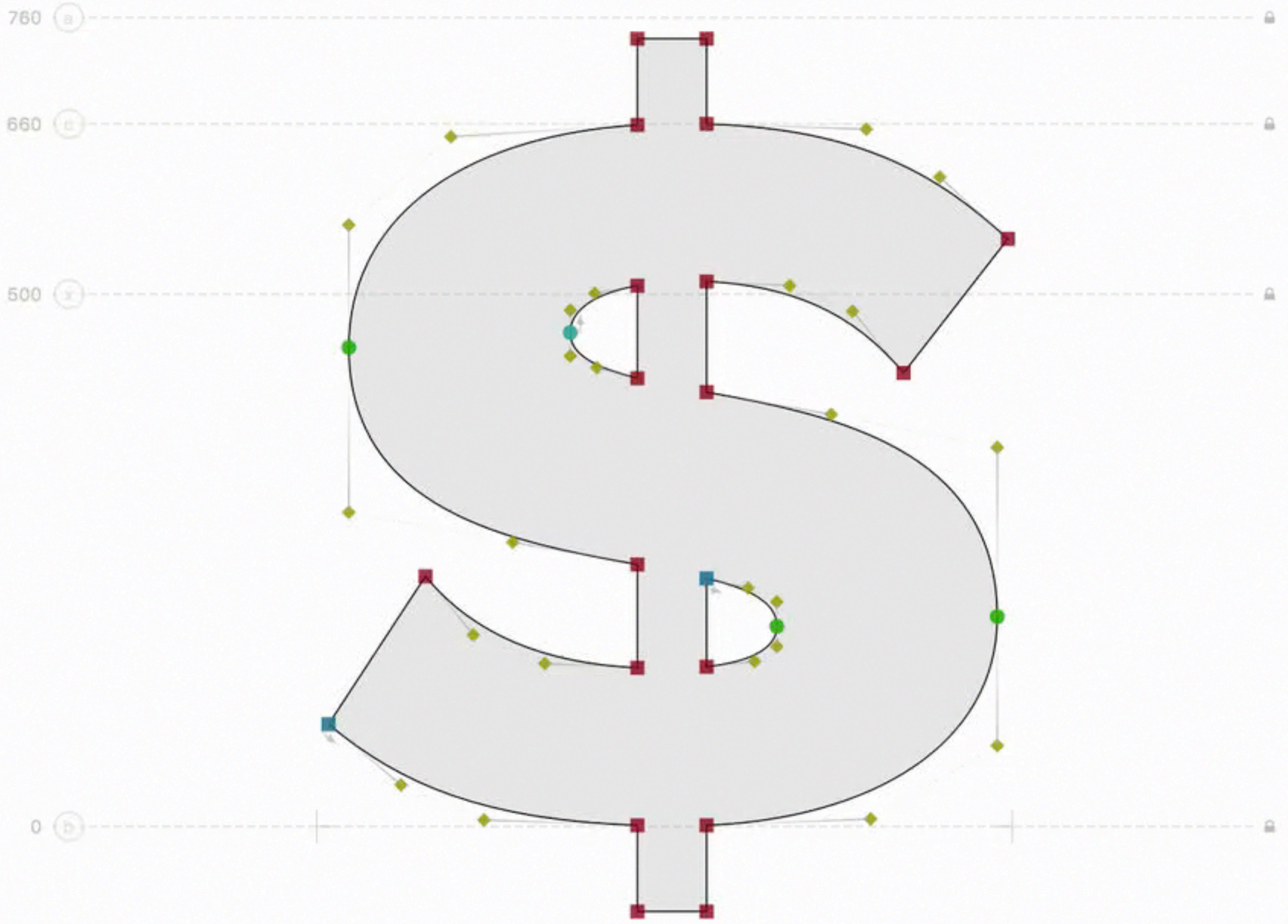
Next-generation drawing

Pen tool


FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
FontLab VI 0.8.0 (5762) - [new project]*
Sketchboard
Unnamed Regular
K
Bitter
S
C
Text: C Font: Bitter Glyph: C
Unicode: 0043
Flag:
Search
Text:
C
Features
aalt
locl
sups
frac
ordn
liga
cpsp
kern
Script: Auto
FONT INFO
Font Info
Parameters
TFN: Bitter
TSN: Regular
Param.: Regular, Normal, Plain
Other:
UPM: 1000.0
Modify...
Asc.: 770.0
Desc.: -230.0
L. Gap: 200.0
M
m
V Stem: 100.0 100.0
H Stem: 80.0 80.0
GLYPH
FONT INFO
TRANSFORM
LAYERS
Opacity: 0%
Body
One shape
mask
One shape
SHAPES
N:
#:
NODE
Name C
Width: 665
LSB: 0
RSB: 665
Kerning:
PREVIEW
Content: Current
Size: Auto
Align:
Filter:
FONTS
Bitter (one font)
Az dQg Regular
Unnamed (one font)
Regular

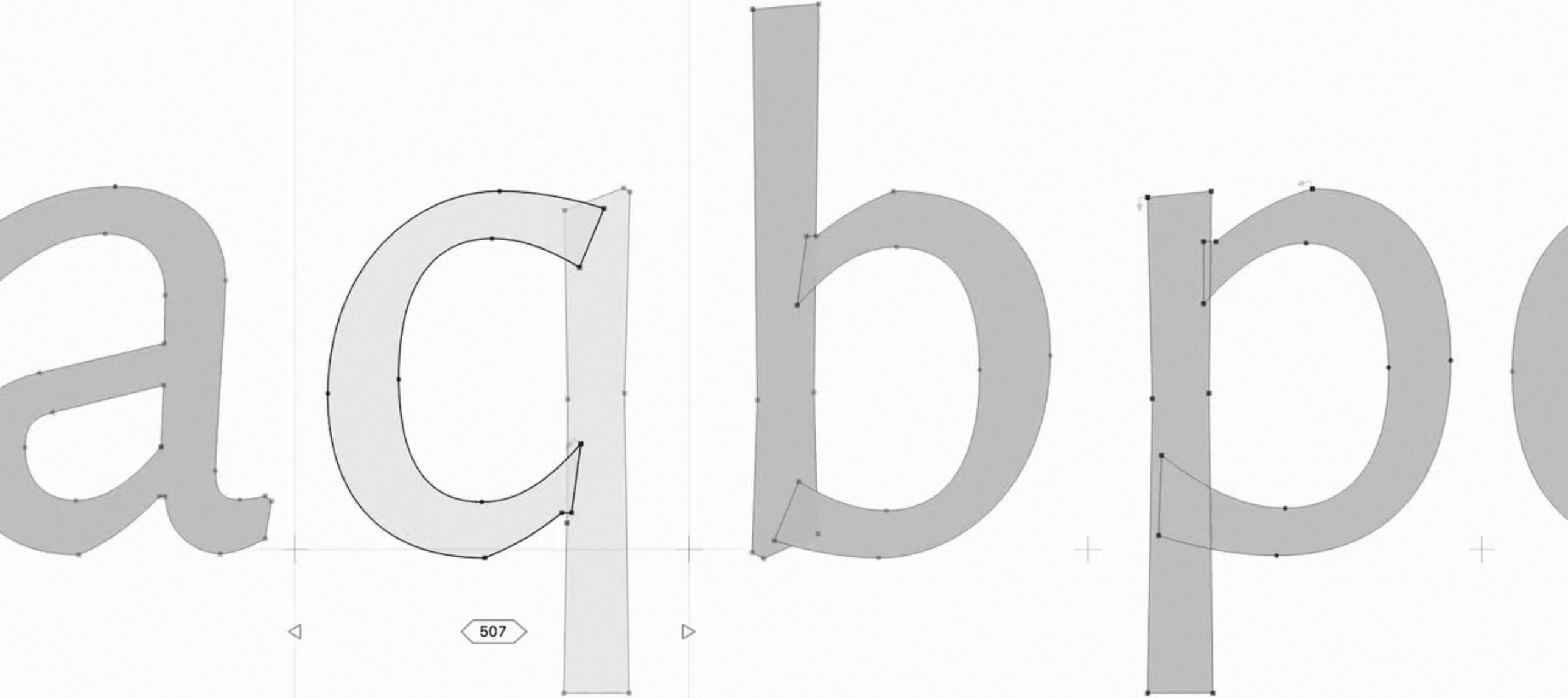
No more boundaries

Fill & Scissors

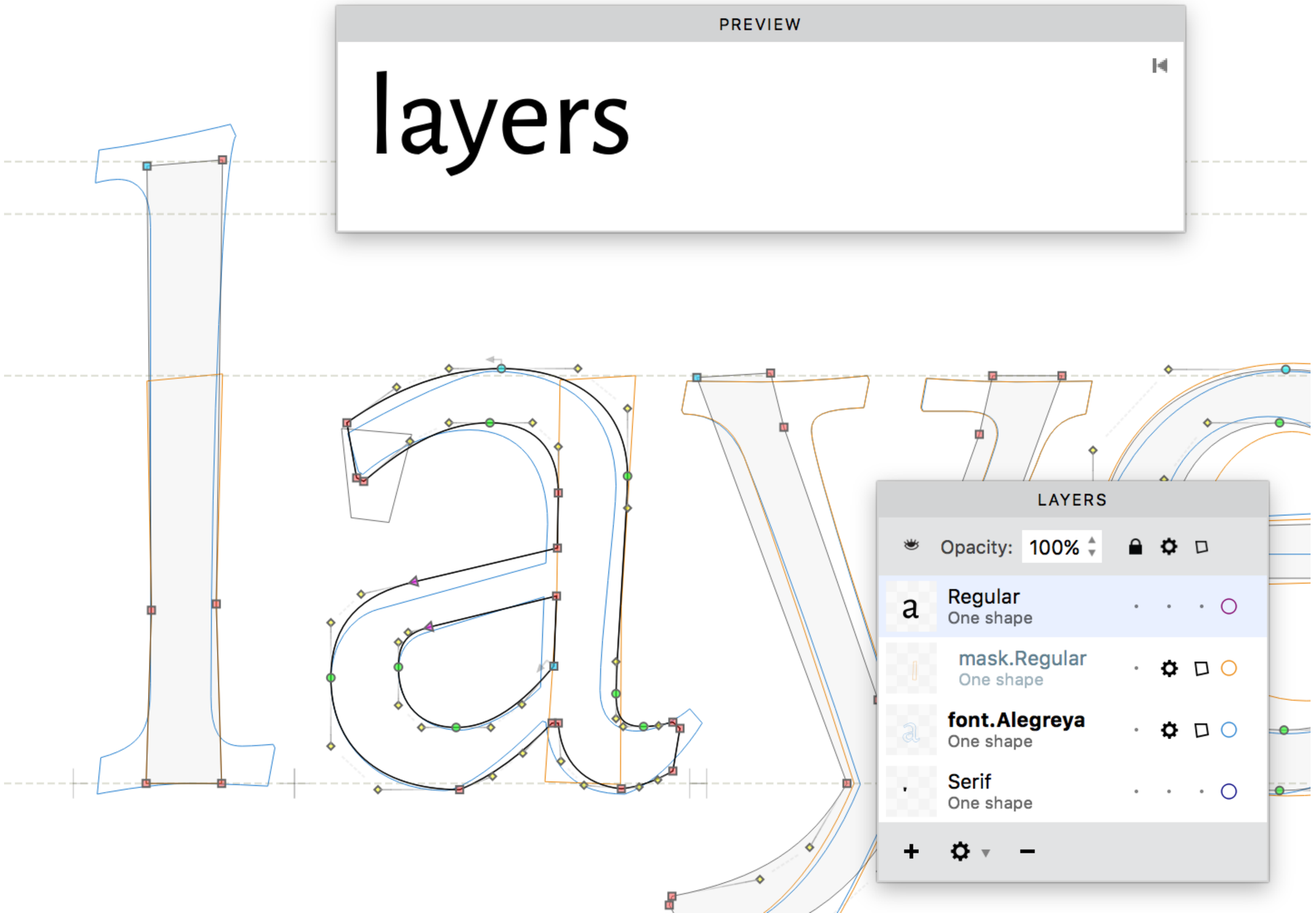

760
a
660
c
500
x
0
b

Always organized

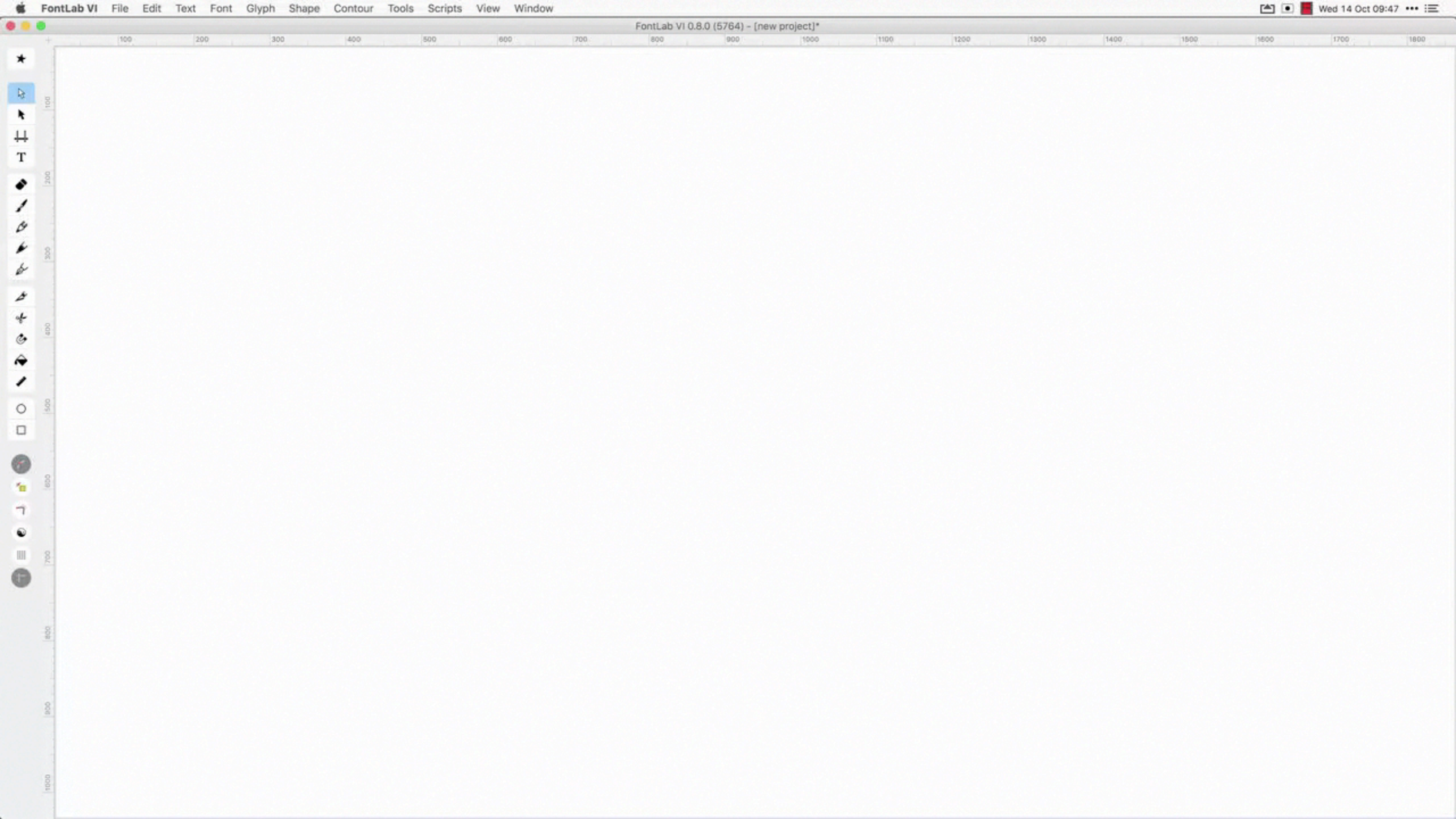
Shapes: better components


507

Unlimited layers

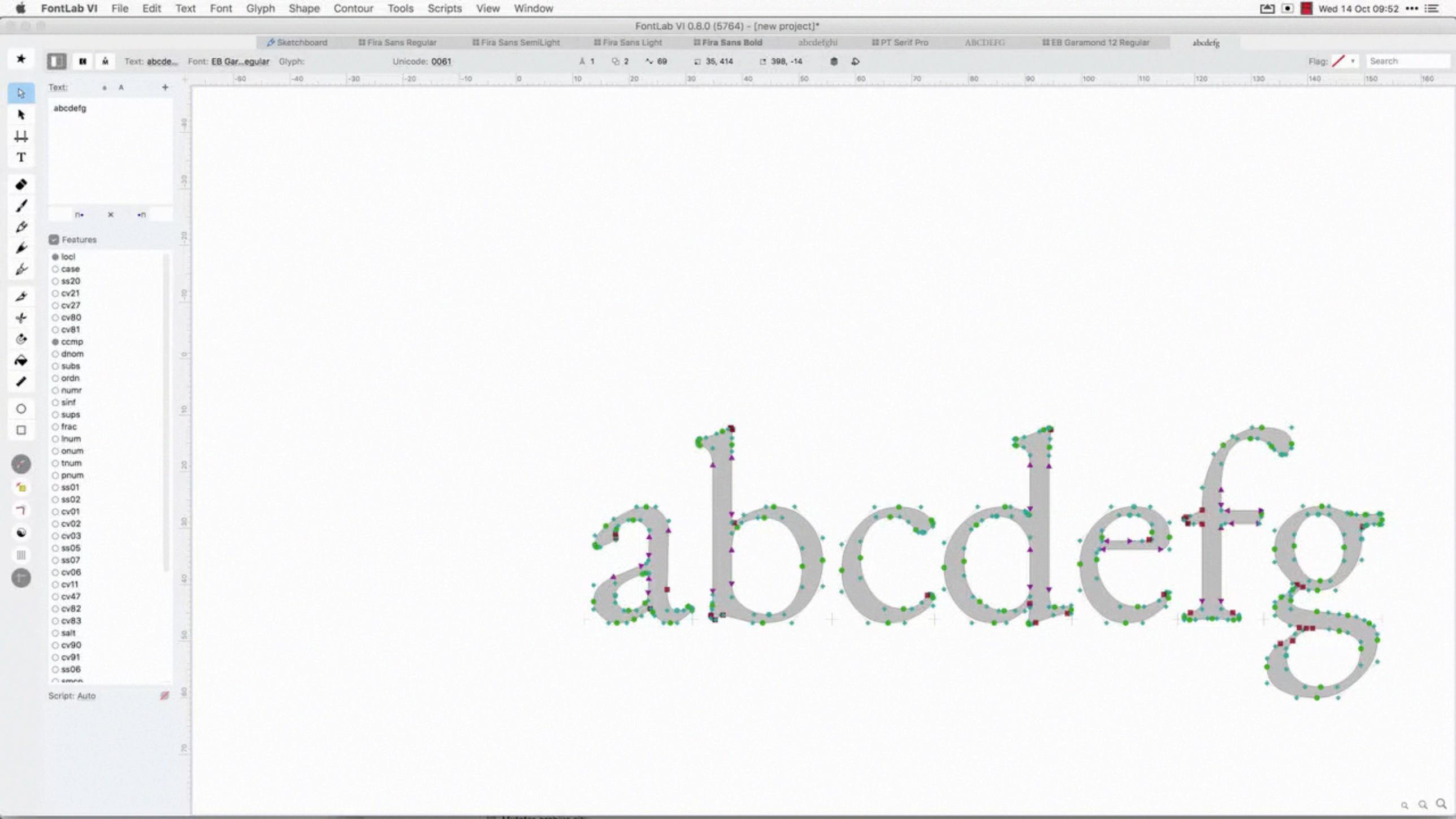

PREVIEW
layers
LAYERS
Opacity:
100%
Regular
One shape
mask.Regular
One shape
font.Alegreya
One shape
Serif
One shape

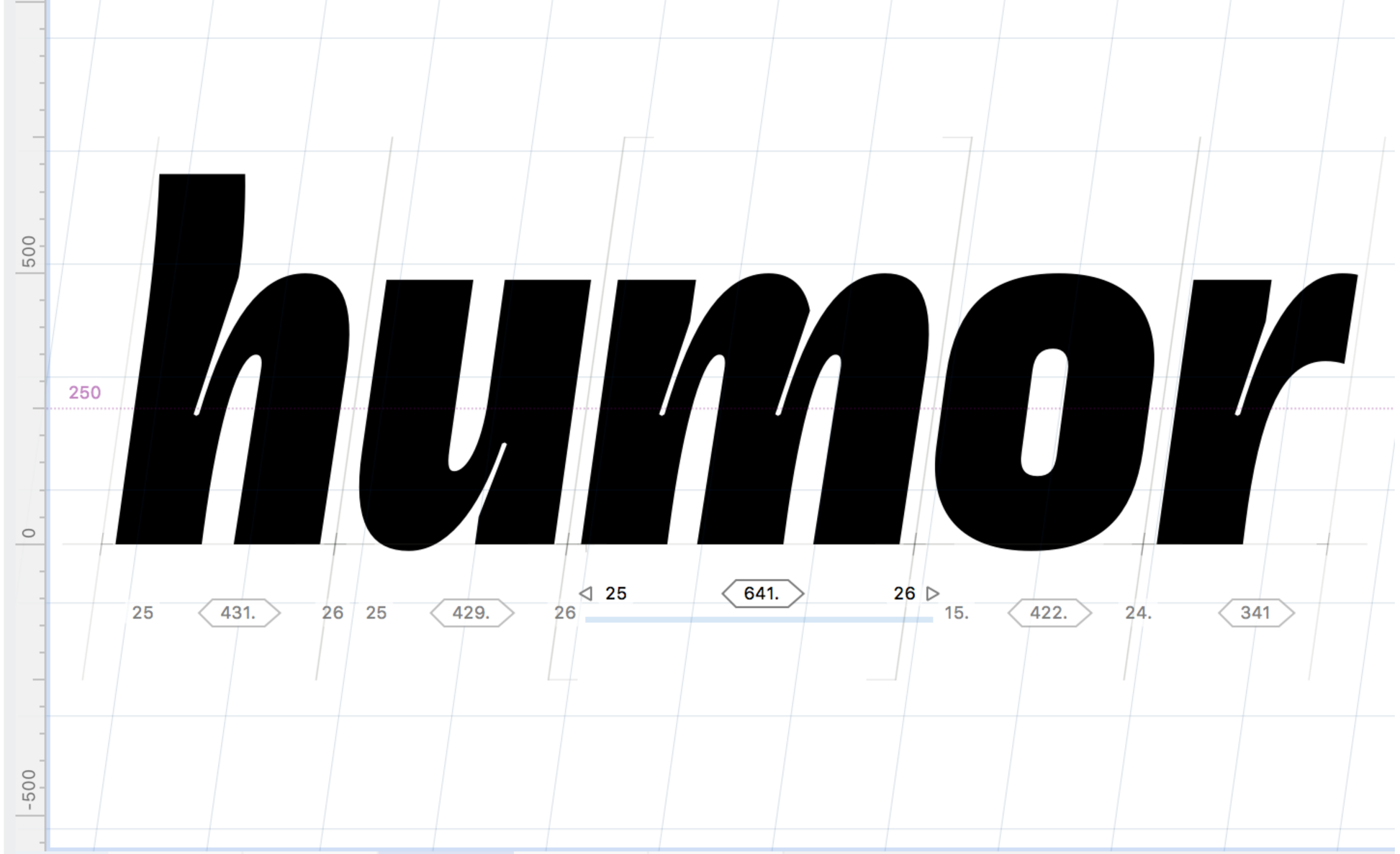
Font window


FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
Wed 14 Oct 09:47
FontLab VI 0.8.0 (5764) - [new project]*

Metrics

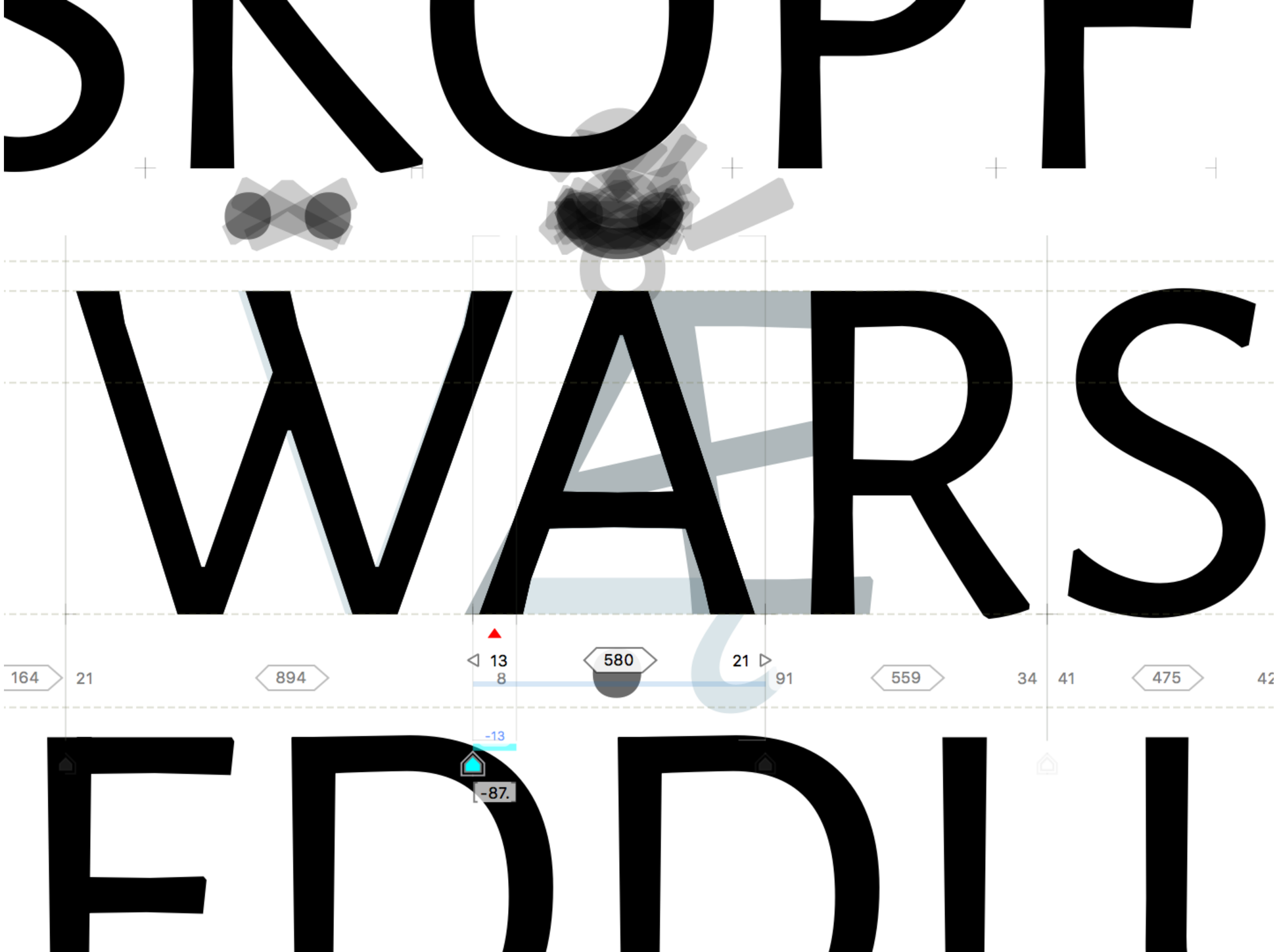
Metrics expressions

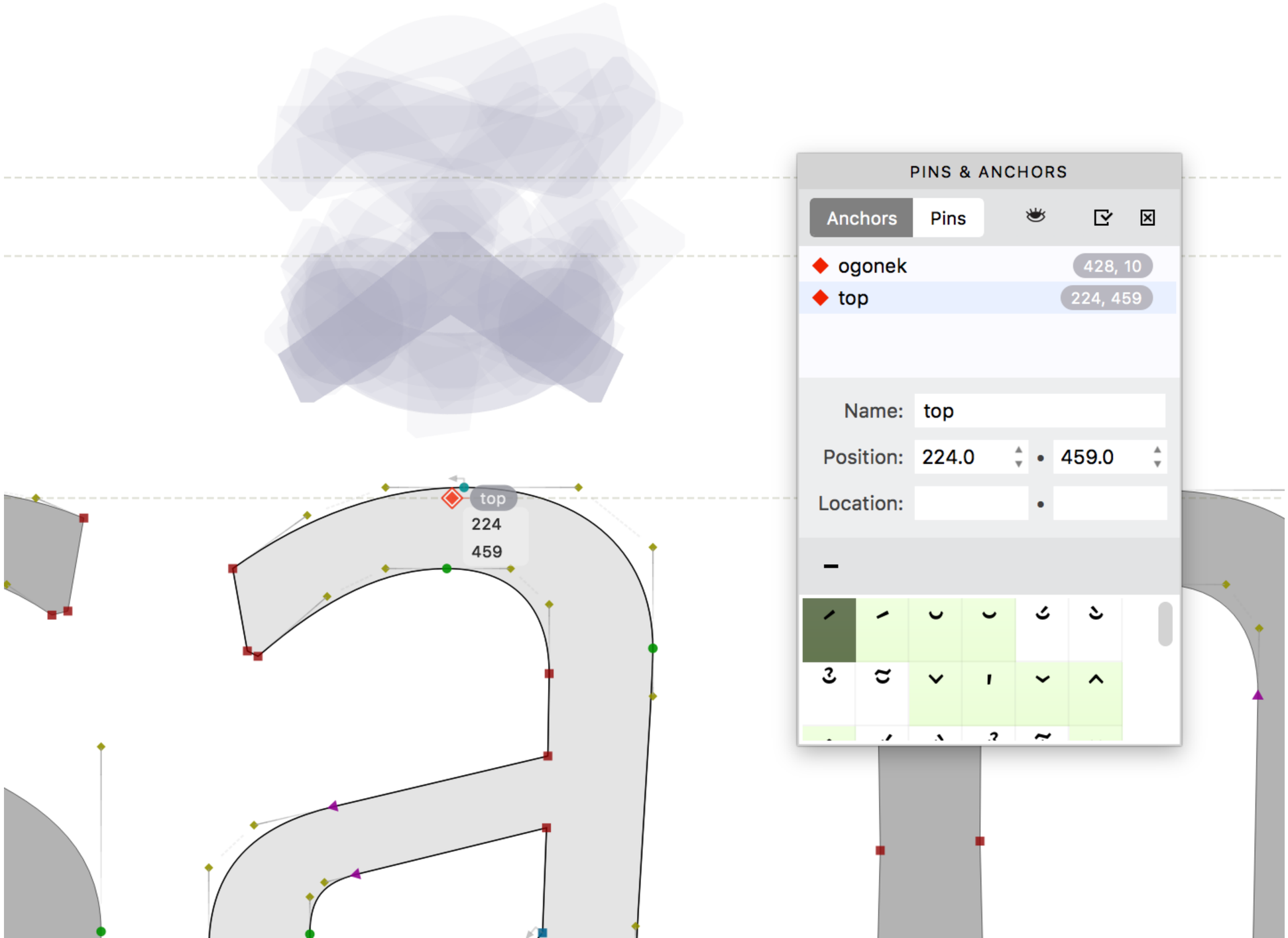

FontLab VI File Edit Text Font Glyph Shape Contour Tools Scripts View Window
Wed 14 Oct 09:52
FontLab VI 0.8.0 (5764) - [new project]*
Sketchboard
Fira Sans Regular
Fira Sans SemiLight
Fira Sans Light
Fira Sans Bold
abcdefghi
PT Serif Pro
ABCDEFG
EB Garamond 12 Regular
abcdefg
Text: abcde...
Font: EB Gar...egular
Glyph:
Unicode: 0061
Flag:
Search
Text:
abcdefg
Features
locl
case
ss20
cv21
cv27
cv80
cv81
ccmp
dnom
subs
ordn
numr
sinf
sups
frac
lnum
onum
tnum
pnum
ss01
ss02
cv01
cv02
cv03
ss05
ss07
cv06
cv11
cv47
cv82
cv83
salt
cv90
cv91
ss06
Script: Auto
abcdefg



Name	h	u	m	o	r
Width:	430.88	428.84	640.78	421.60	341
LSB:	25	=h (25)	h (25)	c (15.43)	i (24.84)
RSB:	26	=h (26)	h (26)	24.08	139.69
Kerning:					

Kerning & Anchors


SKOPF
WARS
164
21
894
13
8
580
21
91
559
34
41
475
42
-13
-87.


PINS & ANCHORS
Anchors
Pins
ogonek
428, 10
top
224, 459
Name:
top
Position:
224.0
459.0
Location:
top
224
459

A few more things…

So…

FontLab VI

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