

STIX Fonts Beta Test

Known Problems With Beta Fonts

The STIX Fonts working group is already aware of these problems, so they need not be reported by beta testers. All of these will be corrected in the final release.

1. Erroneous or suboptimal shapes:

0E389/1536 – lambda with **horizontal** stroke (in stixnonuni.otf)
021E0/4037 – leftwards dashed arrow**head** (in stixvar.otf)
021E2/3890 – rightwards dashed arrow**head** (in stixvar.otf)
02190/3701 – leftwards arrow**head** (in stixvar.otf)
02191/3715 – **short** upwards arrow (in stixvar.otf)
02191/3723 – **short** upwards arrow (in stixvarbol.otf)
02192/3718 – rightwards arrow**head** (in stixvar.otf)
02193/3722 – **short** downwards arrow (in stixvar.otf)
02193/3721 – **short** downwards arrow (in stixvarbol.otf)
021D1/3850 – **short** upwards double arrows (in stixvar.otf)
021D1/3849 – **short** upwards double arrows (in stixvarbol.otf)
021D3/3854 – **short** downwards double arrows (in stixvar.otf)
021D3/3853 – **short** downwards double arrows (in stixvarbol.otf)
02223/4070 – **short** divides (in stixvar.otf)
02223/4069 – **short** divides (in stixvarbol.otf)
02224/4073 – **short** does not divide (in stixvar.otf) (also found at 0E012/7707 in stixnonuni.otf)
02225/4076 – **short** parallel to (in stixvar.otf)
02226/4079 – **short** not parallel to (in stixvar.otf) (also found at 0E013/7710 in stixnonuni.otf)

2. Wrong style designation:

02112/3559 – should be BI, not BU (script capital L) (in stixgeneralbolita.otf)
02131/3615 – should be BI, not BU (script capital F) (in stixgeneralbolita.otf)
0212F/3610 – should be RI, not RU (script small e) (in stixgeneralitalic.otf)
0212F/3611 – should be BI, not BU (script small e) (in stixgeneralbolita.otf)

3. Possibly wrong style designation:

0210E/3548 – should be RI, not RU (Plank Constant) and should be in stixgeneralitalic.otf, not stixgeneral.otf
0210E/3549 – should be BI, not BU (Plank Constant) and should be in stixgeneralbolita.otf, not stixgeneralbol.otf
0210F/3552 – should be RI, not RU (Plank Constant over two pi) and should be in stixgeneralitalic.otf, not stixgeneral.otf
0210F/3553 – should be RI, not RU (Plank Constant over two pi) and should be in stixgeneralbolita.otf, not stixgeneralbol.otf

4. Shapes inconsistent:

Bold overlines are at a different height than lightface ones

0203E/3311 (in stixgeneral.otf)

0203E/3312 (in stixgeneralitalic.otf)

0203E/3313 (in stixgeneralbol.otf)

0203E/3314 (in stixgeneralbolita.otf)

Italic plus signs are smaller than upright ones

0002B/194 (in stixgeneral.otf)

0002B/196 (in stixgeneralitalic.otf)

0002B/197 (in stixgeneralbol.otf)

0002B/198 (in stixgeneralbolita.otf)

BU logical not bigger than all the rest

000AC/632 (in stixgeneral.otf)

000AC/630 (in stixgeneralitalic.otf)

000AC/631 (in stixgeneralbol.otf)

000AC/633 (in stixgeneralbolita.otf)

Plus-minus, italic signs are smaller than upright ones

000B1/650 (in stixgeneral.otf)

000B1/651 (in stixgeneralitalic.otf)

000B1/652 (in stixgeneralbol.otf)

000B1/653 (in stixgeneralbolita.otf)

Multiplication, italic signs are smaller than upright ones

000D7/802 (in stixgeneral.otf)

000D7/803 (in stixgeneralitalic.otf)

000D7/804 (in stixgeneralbol.otf)

000D7/805 (in stixgeneralbolita.otf)

5. Shape not optimal:

Over and underbars on the upright integrals are too wide

02A1B/5828 – INTEGRAL WITH OVERBAR (in stixintup.otf)

02A1B/5826 – INTEGRAL WITH OVERBAR (in stixintdis.otf)

02A1B/8747 – INTEGRAL WITH OVERBAR (in stixintupbol.otf)

02A1B/8745 – INTEGRAL WITH OVERBAR (in stixintdisbol.otf)

02A1C/5832 – INTEGRAL WITH OVERBAR (in stixintdis.otf)

02A1C/5835 – INTEGRAL WITH OVERBAR (in stixintupdis.otf)

02A1C/8751 – INTEGRAL WITH OVERBAR (in stixintdisbol.otf)

02A1C/8754 – INTEGRAL WITH OVERBAR (in stixintupdisbol.otf)

6. Apparent duplicates:

All are bold primes of some sort; perhaps the second one of each pair should be the full-size form

02032/3256 – PRIME (in stixgeneralbol.otf)
02032/3259 – PRIME (in stixgeneralbol.otf)
02033/3262 – DOUBLE PRIME (in stixgeneralbol.otf)
02033/3265 – DOUBLE PRIME (in stixgeneralbol.otf)
02034/3268 – TRIPLE PRIME (in stixgeneralbol.otf)
02034/3272 – TRIPLE PRIME (in stixgeneralbol.otf)
02035/3275 – REVERSED PRIME (in stixgeneralbol.otf)
02035/3278 – REVERSED PRIME (in stixgeneralbol.otf)
02036/3281 – REVERSED DOUBLE PRIME (in stixgeneralbol.otf)
02036/3284 – REVERSED DOUBLE PRIME (in stixgeneralbol.otf)
02037/3287 – REVERSED TRIPLE PRIME (in stixgeneralbol.otf)
02037/3290 – REVERSED TRIPLE PRIME (in stixgeneralbol.otf)
02057/3349 – QUADRUPLE PRIME (in stixgeneralbol.otf)
02057/3353 – QUADRUPLE PRIME (in stixgeneralbol.otf)

0E012/7707 – stix-not less, double equals (in stixnonuni.otf)
also at 02224/4073 – DOES NOT DIVIDE (in stixvar.otf)

0E013/7710 – stix-negated short mid (in stixnonuni.otf)
also at 02226/4079 – NOT PARALLEL TO (in stixvar.otf)

Unclear why glyph was included:

02248/4563 – almost equal to (in stixvar.otf), purported variant, but only variant needed was bold, which is present as 02248/4190 (in stixgeneralbol.otf)

0223C/4562 – tilde operator (in stixvar.otf), similar to 02248/4563 – ALMOST EQUAL TO (in stixvar.otf) (0223C/4164 – TILDE OPERATOR (in stixgeneralbol.otf) is base glyph.