# FontUtils Test

t/testfont.ttf
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Modified at 01:02:43 on Tue 20 Nov 2007

*Size:* **58.43 pt**   *Em:* **2048**   *Type:* **Glyph ID**

| | GID Advance | Unicode PSName |
|---|---|---|

| 3 | U+0020 | 4 | U+0021 | 5 | U+0022 | 6 | U+0023 |
|---|---|---|---|---|---|---|---|
| | | ! | | " | | # | |
| 451 | space | 557 | exclam | 870 | quotedbl | 961 | numbersign |
| 7 | U+0024 | 8 | U+0025 | 9 | U+0026 | 10 | U+0027 |
| $ | | % | | & | | ' | |
| 961 | dollar | 1413 | percent | 1366 | ampersand | 512 | quotesingle |
| 11 | U+0028 | 12 | U+0029 | 13 | U+002A | 14 | U+002B |
| ( | | ) | | * | | + | |
| 649 | parenleft | 649 | parenright | 915 | asterisk | 840 | plus |
| 15 | U+002C | 16 | U+002D | 17 | U+002E | 18 | U+002F |
| , | | – | | . | | / | |
| 469 | comma | 690 | hyphen | 469 | period | 961 | slash |
| 19 | U+0030 | 20 | U+0031 | 21 | U+0032 | 22 | U+0033 |
| 0 | | 1 | | 2 | | 3 | |
| 961 | zero | 961 | one | 961 | two | 961 | three |
| 23 | U+0034 | 24 | U+0035 | 25 | U+0036 | 26 | U+0037 |
| 4 | | 5 | | 6 | | 7 | |
| 961 | four | 961 | five | 961 | six | 961 | seven |
| 27 | U+0038 | 28 | U+0039 | 29 | U+003A | 30 | U+003B |
| 8 | | 9 | | : | | ; | |
| 961 | eight | 961 | nine | 469 | colon | 469 | semicolon |
| 31 | U+003C | 32 | U+003D | 33 | U+003E | 34 | U+003F |
| < | | = | | > | | ? | |
| 899 | less | 899 | equal | 899 | greater | 887 | question |
| 35 | U+0040 | 36 | U+0041 | 37 | U+0042 | 38 | U+0043 |
| @ | | A | | B | | C | |
| 1653 | at | 1219 | A | 1126 | B | 1098 | C |
| 39 | U+0044 | 40 | U+0045 | 41 | U+0046 | 42 | U+0047 |
| D | | E | | F | | G | |
| 1214 | D | 1016 | E | 979 | F | 1194 | G |

FRET v1.202 Package Attach 1.000

| Glyph | PSName / Attach1 | GID | UID / Attach2 | Macid | **adv** / Attach3 | *xmax* | *xmin* / Attach4 | *ymax* | *ymin* |
|---|---|---|---|---|---|---|---|---|---|
| | space | 3 | \|U+0020 | | **451** | | | | |
| ! | exclam | 4 | \|U+0021 | | **557** | *391* | *154* | *1480* | *-40* |
| " | quotedbl | 5 | \|U+0022 | | **870** | *711* | *160* | *1480* | *813* |
| # | numbersign | 6 | \|U+0023 | | **961** | *982* | *87* | *1292* | *127* |
| $ | dollar | 7 | \|U+0024 | | **961** | *862* | *88* | *1384* | *-174* |
| % | percent | 8 | \|U+0025 | | **1413** | *1337* | *76* | *1237* | *-34* |
| & | ampersand | 9 | \|U+0026 | | **1366** | *1346* | *80* | *1450* | *-30* |
| ' | quotesingle | 10 | \|U+0027 | | **512** | *352* | *160* | *1480* | *813* |
| ( | parenleft | 11 | \|U+0028 | | **649** | *610* | *121* | *1600* | *-315* |
| ) | parenright | 12 | \|U+0029 | | **649** | *530* | *41* | *1600* | *-315* |
| * | asterisk | 13 | \|U+002A | | **915** | *846* | *70* | *1561* | *709* |
| + | plus | 14 | \|U+002B | | **840** | *778* | *61* | *920* | *205* |
| , | comma | 15 | \|U+002C | | **469** | *391* | *88* | *230* | *-305* |
| – | hyphen | 16 | \|U+002D | | **690** | *629* | *61* | *569* | *455* |
| . | period | 17 | \|U+002E | | **469** | *369* | *131* | *236* | *-40* |
| / | slash | 18 | \|U+002F | | **961** | *909* | *49* | *1600* | *-335* |
| 0 | zero | 19 | \|U+0030 | | **961** | *885* | *76* | *1235* | *-30* |
| 1 | one | 20 | \|U+0031 | | **961** | *840* | *139* | *1245* | *0* |
| 2 | two | 21 | \|U+0032 | | **961** | *836* | *98* | *1235* | *0* |
| 3 | three | 22 | \|U+0033 | | **961** | *825* | *68* | *1235* | *-30* |
| 4 | four | 23 | \|U+0034 | | **961** | *874* | *55* | *1245* | *0* |
| 5 | five | 24 | \|U+0035 | | **961** | *836* | *78* | *1223* | *-30* |
| 6 | six | 25 | \|U+0036 | | **961** | *881* | *111* | *1249* | *-30* |
| 7 | seven | 26 | \|U+0037 | | **961** | *885* | *104* | *1204* | *-30* |
| 8 | eight | 27 | \|U+0038 | | **961** | *864* | *94* | *1235* | *-30* |
| 9 | nine | 28 | \|U+0039 | | **961** | *870* | *100* | *1235* | *-43* |
| : | colon | 29 | \|U+003A | | **469** | *369* | *131* | *961* | *-40* |
| ; | semicolon | 30 | \|U+003B | | **469** | *391* | *88* | *961* | *-305* |
| < | less | 31 | \|U+003C | | **899** | *838* | *61* | *899* | *256* |
| = | equal | 32 | \|U+003D | | **899** | *838* | *61* | *768* | *354* |
| > | greater | 33 | \|U+003E | | **899** | *838* | *61* | *899* | *256* |
| ? | question | 34 | \|U+003F | | **887** | *807* | *80* | *1480* | *-40* |
| @ | at | 35 | \|U+0040 | | **1653** | *1583* | *70* | *1333* | *-375* |
| A | A | 36 | \|U+0041 | | **1219** | *1198* | *0* | *1317* | *0* |
| B | B | 37 | \|U+0042 | | **1126** | *1016* | *41* | *1290* | *-14* |
| C | C | 38 | \|U+0043 | | **1098** | *1018* | *70* | *1290* | *-30* |
| D | D | 39 | \|U+0044 | | **1214** | *1124* | *41* | *1290* | *0* |
| E | E | 40 | \|U+0045 | | **1016** | *954* | *50* | *1260* | *0* |
| F | F | 41 | \|U+0046 | | **979** | *897* | *50* | *1260* | *0* |
| G | G | 42 | \|U+0047 | | **1194** | *1145* | *70* | *1290* | *-30* |

# FontUtils Test

t/testfont.ttf
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| | | | | | GID | Unicode |
|---|---|---|---|---|---|---|
| *Size:* **58.43 pt** | *Em:* **2048** | *Type:* **Glyph ID** | | | Advance | PSName |

| 43 U+0048 | 44 U+0049 | 45 U+004A | 46 U+004B |
|---|---|---|---|
| H | I | J | K |
| 1339 H | 610 I | 625 J | 1184 K |
| 47 U+004C | 48 U+004D | 49 U+004E | 50 U+004F |
| L | M | N | O |
| 975 L | 1651 M | 1329 N | 1229 O |
| 51 U+0050 | 52 U+0051 | 53 U+0052 | 54 U+0053 |
| P | Q | R | S |
| 1071 P | 1229 Q | 1149 R | 975 S |
| 55 U+0054 | 56 U+0055 | 57 U+0056 | 58 U+0057 |
| T | U | V | W |
| 1128 T | 1339 U | 1331 V | 1741 W |
| 59 U+0058 | 60 U+0059 | 61 U+005A | 62 U+005B |
| X | Y | Z | [ |
| 1260 X | 1217 Y | 1071 Z | 631 bracketleft |
| 63 U+005C | 64 U+005D | 65 U+005E | 66 U+005F |
| \ | ] | ^ | _ |
| 961 backslash | 631 bracketright | 1008 asciicircum | 961 underscore |
| 67 U+0060 | 68 U+0061 | 69 U+0062 | 70 U+0063 |
| ` | a | b | c |
| 653 grave | 940 a | 1040 b | 895 c |
| 71 U+0064 | 72 U+0065 | 73 U+0066 | 74 U+0067 |
| d | e | f | g |
| 1065 d | 946 e | 637 f | 999 g |
| 75 U+0068 | 76 U+0069 | 77 U+006A | 78 U+006B |
| h | i | j | k |
| 1130 h | 555 i | 530 j | 1024 k |
| 79 U+006C | 80 U+006D | 81 U+006E | 82 U+006F |
| l | m | n | o |
| 555 l | 1645 m | 1130 n | 1030 o |

| Glyph | PSName Attach1 | GID | UID Attach2 | Macid | **adv** Attach3 | *xmax* | *xmin* Attach4 | *ymax* | *ymin* |
|---|---|---|---|---|---|---|---|---|---|
| H | H | 43 | \|U+0048 | | **1339** | *1270* | *50* | *1260* | *0* |
| I | I | 44 | \|U+0049 | | **610** | *520* | *70* | *1260* | *0* |
| J | J | 45 | \|U+004A | | **625** | *555* | *-190* | *1260* | *-380* |
| K | K | 46 | \|U+004B | | **1184** | *1174* | *50* | *1260* | *-14* |
| L | L | 47 | \|U+004C | | **975** | *944* | *50* | *1260* | *0* |
| M | M | 48 | \|U+004D | | **1651** | *1570* | *60* | *1260* | *0* |
| N | N | 49 | \|U+004E | | **1329** | *1280* | *50* | *1260* | *-30* |
| O | O | 50 | \|U+004F | | **1229** | *1138* | *70* | *1290* | *-30* |
| P | P | 51 | \|U+0050 | | **1071** | *982* | *41* | *1290* | *0* |
| Q | Q | 52 | \|U+0051 | | **1229** | *1282* | *70* | *1290* | *-305* |
| R | R | 53 | \|U+0052 | | **1149** | *1139* | *41* | *1290* | *-14* |
| S | S | 54 | \|U+0053 | | **975** | *885* | *117* | *1290* | *-30* |
| T | T | 55 | \|U+0054 | | **1128** | *1083* | *10* | *1260* | *0* |
| U | U | 56 | \|U+0055 | | **1339** | *1275* | *50* | *1260* | *-30* |
| V | V | 57 | \|U+0056 | | **1331** | *1290* | *20* | *1260* | *-30* |
| W | W | 58 | \|U+0057 | | **1741** | *1702* | *20* | *1260* | *-30* |
| X | X | 59 | \|U+0058 | | **1260** | *1229* | *31* | *1260* | *0* |
| Y | Y | 60 | \|U+0059 | | **1217** | *1176* | *0* | *1270* | *0* |
| Z | Z | 61 | \|U+005A | | **1071** | *991* | *59* | *1276* | *0* |
| [ | bracketleft | 62 | \|U+005B | | **631** | *590* | *139* | *1600* | *-335* |
| \ | backslash | 63 | \|U+005C | | **961** | *905* | *55* | *1600* | *-335* |
| ] | bracketright | 64 | \|U+005D | | **631** | *489* | *41* | *1600* | *-335* |
| ^ | asciicircum | 65 | \|U+005E | | **1008** | *907* | *100* | *1550* | *565* |
| _ | underscore | 66 | \|U+005F | | **961** | *897* | *61* | *-131* | *-246* |
| ` | grave | 67 | \|U+0060 | | **653** | *438* | *30* | *1489* | *1047* |
| a | a | 68 | \|U+0061 | | **940** | *926* | *80* | *960* | *-30* |
| b | b | 69 | \|U+0062 | | **1040** | *949* | *10* | *1550* | *-30* |
| c | c | 70 | \|U+0063 | | **895** | *840* | *80* | *960* | *-30* |
| d | d | 71 | \|U+0064 | | **1065** | *1051* | *80* | *1550* | *-30* |
| e | e | 72 | \|U+0065 | | **946** | *866* | *80* | *960* | *-30* |
| f | f | 73 | \|U+0066 | | **637** | *817* | *45* | *1550* | *0* |
| g | g | 74 | \|U+0067 | | **999** | *989* | *30* | *960* | *-500* |
| h | h | 75 | \|U+0068 | | **1130** | *1100* | *55* | *1550* | *0* |
| i | i | 76 | \|U+0069 | | **555** | *500* | *70* | *1356* | *0* |
| j | j | 77 | \|U+006A | | **530** | *385* | *-220* | *1356* | *-500* |
| k | k | 78 | \|U+006B | | **1024** | *1024* | *55* | *1550* | *-10* |
| l | l | 79 | \|U+006C | | **555** | *510* | *60* | *1550* | *0* |
| m | m | 80 | \|U+006D | | **1645** | *1616* | *55* | *960* | *0* |
| n | n | 81 | \|U+006E | | **1130** | *1100* | *55* | *960* | *0* |
| o | o | 82 | \|U+006F | | **1030** | *950* | *80* | *960* | *-30* |

FRET v1.202 Package Attach 1.000

# FontUtils Test

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| Size: **58.43 pt**  Em: **2048**  Type: **Glyph ID** | GID / Advance | Unicode / PSName |
|---|---|---|

| | | | |
|---|---|---|---|
| 83  U+0070 | 84  U+0071 | 85  U+0072 | 86  U+0073 |
| p | q | r | s |
| 1085  p | 1055  q | 811  r | 791  s |
| 87  U+0074 | 88  U+0075 | 89  U+0076 | 90  U+0077 |
| t | u | v | w |
| 705  t | 1085  u | 1010  v | 1446  w |
| 91  U+0078 | 92  U+0079 | 93  U+007A | 94  U+007B |
| x | y | z | { |
| 1030  x | 1010  y | 905  z | 688  braceleft |
| 95  U+007C | 96  U+007D | 97  U+007E | 0 |
| \| | } | ~ | |
| 469  bar | 688  braceright | 999  asciitilde | 451  .notdef |
| 1 | 2 | | |
| | | | |
| 0  .null | 451  nonmarkingreturn | | |

| Glyph | PSName Attach1 | GID | UID Attach2 | Macid | **adv** Attach3 | xmax | xmin Attach4 | ymax | ymin |
|---|---|---|---|---|---|---|---|---|---|
| p | p | 83 | \|U+0070 | | **1085** | 1004 | 55 | 960 | -480 |
| q | q | 84 | \|U+0071 | | **1055** | 1034 | 80 | 960 | -480 |
| r | r | 85 | \|U+0072 | | **811** | 779 | 55 | 960 | 0 |
| s | s | 86 | \|U+0073 | | **791** | 700 | 94 | 960 | -30 |
| t | t | 87 | \|U+0074 | | **705** | 676 | 20 | 1280 | -30 |
| u | u | 88 | \|U+0075 | | **1085** | 1069 | 41 | 960 | -30 |
| v | v | 89 | \|U+0076 | | **1010** | 989 | 20 | 930 | -30 |
| w | w | 90 | \|U+0077 | | **1446** | 1425 | 20 | 930 | -30 |
| x | x | 91 | \|U+0078 | | **1030** | 1016 | 20 | 930 | 0 |
| y | y | 92 | \|U+0079 | | **1010** | 989 | -47 | 930 | -500 |
| z | z | 93 | \|U+007A | | **905** | 829 | 76 | 946 | 0 |
| { | braceleft | 94 | \|U+007B | | **688** | 649 | 102 | 1600 | -315 |
| \| | bar | 95 | \|U+007C | | **469** | 320 | 180 | 1670 | -405 |
| } | braceright | 96 | \|U+007D | | **688** | 588 | 39 | 1600 | -315 |
| ~ | asciitilde | 97 | \|U+007E | | **999** | 950 | 49 | 799 | 475 |
| | .notdef | 0 | | | **451** | | | | |
| | .null | 1 | | | **0** | | | | |
| | nonmarkingreturn | 2 | | | **451** | | | | |