

It is possible to merge FontAwesome to any other font, because all characters belongs to `unicode-range="U+0020-F500"` - which is different cells neither popular chars at other fonts.

First of all You need to install [FontForge](http://fontforge.github.io/scripting.html#Example) opensource programm. As described on <http://fontforge.github.io/scripting.html#Example> - use following command `sfddiff.sh FontAwesome.sfd --merge FontAwesome.sfd` to merge two font files together.

```
#!/usr/local/bin/fontforge
#This is the sfddiff script which compares two fonts

if ( Strtol($version) < 20060330 )
    Error( "Please upgrade to a more recent version of fontforge" )
endif

flags=0x789
outfile=""

while ( $argc > 1 && Strsub($1,0,1)=="-" )
    temp = $1
    if ( Strsub(temp,1,2)=='-' )
        temp = Strsub(temp,1)
    endif

    if ( temp=="-ignorehints" )
        flags = flags & ~0x8
    elseif ( temp=="-ignorenames" )
        flags = flags & ~0x100
    elseif ( temp=="-ignoregpos" )
        flags = flags & ~0x200
    elseif ( temp=="-ignoregsub" )
        flags = flags & ~0x400
    elseif ( temp=="-ignorebitmaps" )
        flags = flags & ~0x80
    elseif ( temp=="-exact" )
        flags = flags | 0x2
    elseif ( temp=="-warn" )
        flags = flags | 0x44
    elseif ( temp=="-merge" )
        flags = flags | 0x1800
        shift
        outfile = $1
    elseif ( temp=="-help" )
        Print( "sfddiff: [--version] [--help] [--usage] [--ignorehints] [--ignorenames] [-ignoregpos] [--ignoregsub] [--ignorebitmaps] [--warn] [--exact] fontfile1 fontfile2" )
        Print( " Compares two fontfiles" )
        Print( " --ignorehints: Do not compare postscript hints or truetype instructions" )
        Print( " --ignorenames: Do not compare font names" )
        Print( " --ignoregpos: Do not compare kerning, etc." )
        Print( " --ignoregsub: Do not compare ligatures, etc." )
        Print( " --ignorebitmaps: Do not compare bitmap strikes" )
    }
}
```

```

    Print( " --exact:      Normally sfddiff will match contours which are not exact"
)
    Print( "                but where the differences are slight (so you could
compare" )
    Print( "                truetype and postscript and get reasonable answers). Also"
)
    Print( "                normally sfddiff will unlink references before it
compares" )
    Print( "                (so you can compare a postscript font (with no
references)" )
    Print( "                to the original source (which does have references)).
Setting")
    Print( "                this flag means glyphs must match exactly.")
    Print( " --warn:      Provides a warning when an exact match is not found" )
    Print( " --merge outfile: Put any outline differences in the backgrounds of" )
    Print( "                appropriate glyphs" )
return(0)
elseif ( temp=="-version" )
    Print( "Version 1.0" )
return(0)
else
break
endif
shift
endloop

if ( $argc!=3 || $1=="--usage" || $1=="-usage" )
    Print( "sfddiff: [--version] [--help] [--usage] [--ignorehints] [--ignorenames] [--
ignoregpos] [--ignoreregsup] [--ignorebitmaps] [--warn] [--exact] [--merge outfile]
fontfile1 fontfile2" )
return(0)
endif

Open($2)
Open($1)
CompareFonts($2,"-",flags)
if ( outfile!="" )
    Save(outfile)
endif

```

<https://github.com/FortAwesome/Font-Awesome/issues/4339>