

# Font Substitution in the TNT Products

The cross-platform nature of TNTmips makes layout and atlas designers familiar with one of the difficulties experienced by graphic designers from the moment graphic design was computerized—the fonts you used for the text in the layout may not be available on another computer. Many fonts are licensed and, therefore, cannot be freely distributed. This missing font problem exists within a single platform and is worse when you transfer your layout across platforms. When a specified font is not found on a computer, the text does not disappear; a font substitution is made. Many automatic font substitutions use a mono-spaced font, such as Courier, to replace any font not found without regard for the type of font being replaced. Some programs will let you choose which font to substitute for the missing font, which if you recognize the missing font name, will help in your selection. The TNT products offer two kinds of font substitution: considerate automatic and designer specified.

Considerate automatic font substitution uses information about the missing font to choose the font to substitute. For example, sans serif fonts are replaced by other sans serif fonts. The fonts used for substitution are listed below. Designer specified font substitution lets the layout/atlas designer specify the fonts to try if the first specified font is not found. The desired font and fallback fonts are specified in the form {~Farialbd.ttf,Helvetica.dfont;2,Arial-Bold.ttf}, which would use Arial bold if it was found, Helvetica bold would be the next choice, and then the Sun version of Arial bold. This particular example would not need to be entered by the designer since it is done automatically by the TNT products. If none of the fonts specified by the designer are found, the automatic fallback fonts are used.

Real Estate Property Details	
Address:	330 S 24 ST
Owner:	MALOUSEK, RICHARD D & CHERYL K
Owner Occupied:	No
Owner City:	WAHOO, NE
Assessed Value:	\$76100
Parcel ID:	10-25-210-004-000
Acreage:	0.136582 acres
Floodplain:	not in floodplain
School District:	Lincoln Public Schools
City/Town:	Lincoln
Township:	Garfield
Elevation:	1166 feet

on PC in Arial as originally designed

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on Mac with unknown font substitution handled by Mac

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on Mac with Helvetica font substitution handled by TNTmips

Platform	Font Family	Font File Name*	Platform	Font Family	Font File Name
Windows	Sans	arial.ttf	Mac OS X	Sans	Helvetica.dfont:1
	SansBold	arialbd.ttf		SansBold	Helvetica.dfont:2
	Fixed	cour.ttf		Fixed	Courier.dfont:1
	FixedBold	courbd.ttf		FixedBold	Courier.dfont:2
	Serif	times.ttf		Serif	Times.dfont:1
	Serif Bold	timesbd.ttf		Serif Bold	Times.dfont:2
	SerifItalic	timesi.ttf		SerifItalic	Times.dfont:3
	SerifBoldItalic	timesbi.ttf		SerifBoldItalic	Times.dfont:4
Sun	Sans	Arial.ttf	Linux	Sans	helr____.tff**
	SansBold	Arial-Bold.ttf		SansBold	helb____.tff
	SansItalic	Arial-Italic.ttf		SansItalic	heli____.tff
	SansBoldItalic	Arial-BoldItalic.ttf		SansBoldItalic	helbi____.tff
	Fixed	CourierNew.ttf		Serif	timr____.tff
	FixedBold	CourierBold.ttf		Serif Bold	timb____.tff
	FixedItalic	CourierItalic.ttf		SerifItalic	timi____.tff
	FixedBoldItalic	CourierBoldItalic.ttf		SerifBoldItalic	timbi____.tff
	Serif	TimesNewRoman.ttf	outline font fallbacks	Sans	duck.of
	Serif Bold	TimesNewRoman-Bold.ttf		Fixed	raven.of
	SerifItalic	TimesNewRoman-Italic.ttf		Serif	cardinal.of
	SerifBoldItalic	TimesNewRoman-BoldItalic.ttf			

\* Find the font file name to enter by clicking on the Font button anywhere you can enter text. The font file name is listed in parentheses. Do not use the font file name provided in Support/Setup/Fonts.

\*\* Underlines to equal eight characters.