

Using PostScript fonts with T_EX



Using the right font can really help the appearance and utility of your publications. Here we have listed a number of fonts that are available for use with the T_EX desktop publishing system. See this URL on the World Wide Web for more information about using T_EX:

<http://www.nmt.edu/tcc/help/dtp/tex/>

Defining the font

To define a PostScript font in T_EX, use a declaration like this:

```
\font\iname=ename at npt
```

where:

<i>iname</i>	is the T _E X font change control sequence you are defining
<i>ename</i>	is the external name of the font (see below)
<i>n</i>	is the size of the font in printer's points

For example, suppose you want to use a 14-point Helvetica Bold Narrow font. You can define control sequence `\rmxiv` as this font by including this declaration at the front of your T_EX file:

```
\font\rmxiv=phvbrn at 14pt
```

For more information on font classification and usage, see *The Non-Designer's Design Book* by Robin Williams (Peachpit Press, 1994, ISBN 1-56609-159-4).

In the font specimens below, the first six characters are: numeral 0, capital O, numeral 1, lowercase L, capital I, and vertical bar. Beware fonts in which some of these cannot be told apart.

AvantGarde: a sans serif font

pagk: AvantGarde Book
001111 WAVY Daft buxom jonquil, Zephyr's gawky vice.

pagko: AvantGarde Book Oblique
001111 WAVY Daft buxom jonquil, Zephyr's gawky vice.

pagkc: AvantGarde Book Caps
001111 WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

pagd: AvantGarde Demibold
001111 WAVY Daft buxom jonquil, Zephyr's gawky vice.

pagdo: AvantGarde Demibold Oblique
001111 WAVY Daft buxom jonquil, Zephyr's gawky vice.

pagdc: AvantGarde Demibold Caps
001111 WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

Bookman: an oldstyle font

pbkl: Bookman Light
OO1II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pbkli: Bookman Light Italic
OO1II| *WAVY Daft buxom jonquil, Zephyr's gawky vice.*

pbklo: Bookman Light Oblique
OO1II| *WAVY Daft buxom jonquil, Zephyr's gawky vice.*

pbklc: Bookman Light Caps
OO1LI| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

pbkd: Bookman Demibold
OO1II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pbkdi: Bookman Demibold Italic
OO1II| *WAVY Daft buxom jonquil, Zephyr's gawky vice.*

pbkdc: Bookman Demibold Caps
OO1LI| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

Courier: a monospaced font

pcrr: Courier
OO1II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pcrro: Courier Oblique
OO1II| *WAVY Daft buxom jonquil, Zephyr's gawky vice.*

pcrb: Courier Bold
OO1II| **WAVY Daft buxom jonquil, Zephyr's gawky vice.**

pcrbo: Courier Bold Oblique
OO1II| ***WAVY Daft buxom jonquil, Zephyr's gawky vice.***

Helvetica: a sans serif font

phvr: Helvetica Regular
OO1II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

phvro: Helvetica Regular Oblique
OO1II| *WAVY Daft buxom jonquil, Zephyr's gawky vice.*

phvrrn: Helvetica Narrow
OO1II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

phvrc: Helvetica Caps
OO1LI| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

phvb: Helvetica Bold
OO1II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

phvbo: Helvetica Bold Oblique
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

phvbrn: Helvetica Bold Narrow
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

phvbon: Helvetica Bold Oblique Narrow
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

phvbc: Helvetica Bold Caps
0011| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

New Century Schoolbook: a slab serif font

pncr: New Century Schoolbook
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pncro: New Century Schoolbook Oblique
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pncri: New Century Schoolbook Italic
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pncrc: New Century Schoolbook Caps
0011| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

pncb: New Century Schoolbook Bold
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pncbo: New Century Schoolbook Bold Oblique
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pncbi: New Century Schoolbook Bold Italic
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pncbc: New Century Schoolbook Caps
0011| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

Palatino: an oldstyle font

pplr: Palatino Roman
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pplro: Palatino Oblique
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pplri: Palatino Italic
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pplrc: Palatino Roman Caps
0011| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

pplrre: Palatino Roman Extended
0011| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pplrrn: Palatino Roman Narrow
 001II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pplru: Palatino Unslanted Italic
 001II\ WAVY Daft buxom jonquil, Zephyr's gawky vice.

pplb: Palatino Bold
001II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pplbi: Palatino Bold Italic
001II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pplbo: Palatino Bold Oblique
001II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

pplbc: Palatino Bold Caps
001LI| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

pplbu: Palatino Bold Unslanted Italic
001II\ WAVY Daft buxom jonquil, Zephyr's gawky vice.

Times: an oldstyle font

ptmr: Times Roman
 001II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

ptmro: Times Oblique
001III WAVY Daft buxom jonquil, Zephyr's gawky vice.

ptmri: Times Italic
001II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

ptmrre: Times Roman Extended
001III WAVY Daft buxom jonquil, Zephyr's gawky vice.

ptmrrn: Times Roman Narrow
 001III WAVY Daft buxom jonquil, Zephyr's gawky vice.

ptmrc: Times Roman Caps
001LI| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

ptmb: Times Bold
001II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

ptmbo: Times Bold Oblique
001III WAVY Daft buxom jonquil, Zephyr's gawky vice.

ptmbi: Times Bold Italic
001II| WAVY Daft buxom jonquil, Zephyr's gawky vice.

ptmbc: Times Bold Caps
001LI| WAVY DAFT BUXOM JONQUIL, ZEPHYR'S GAWKY VICE.

psyr: Times Symbol
 001λI| ΩΑζΨ Δαφτ βυξομ φονθυιλ, Ζεπηψρᾶσ γαωκψ ωιχε.

psyro: Times Symbol Oblique
001λI|ΩΑζΨΔαφτβυξομφονθυιλ,Ζεπηψρᾶσγαωκψωιχε.

Zapf Chancery: a script font

pzcmi: Zapf Chancery

001lI | WAVY Daft buxom jonquil, Zephyr's gawky vice.

Zapf Dingbats: some decorations

Dingbats are for decorative use. For example, if you get tired of plain bullets (•) for a bullet list, try some of the bullets below. Use font pzdrr; this table shows the correspondence between the letters in your T_EX source and the corresponding dingbat.

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'		3		A		N		Z		i		u	
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)		5		C		P]		k		w	
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+		7		E		R		a		m		y	
,		8		F		S		b		n		z	

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