

Using script fonts in L^AT_EX

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There are several free “script-like” fonts available in L^AT_EX, and in addition a number of commercial script fonts. Here’s how to use some of the most common ones.

Some of these require special macro packages to be loaded. To do this, you insert an appropriate `\usepackage` command in your *preamble* (after your `\documentclass` command, and before `\begin{document}`). Many of these packages are included with standard L^AT_EX distributions, and many T_EX programs will download them automatically if they are not. If you need to download a package manually, you can probably find it at www.ctan.org.

1. **Standard L^AT_EX “calligraphic” font:** No special package needed.

```
 $\mathcal{ABCDEFGHIJKLMN OPQRSTUVWXYZ}$ 
```

ABCDEFGHIJKLMN OPQRSTUVWXYZ

2. **Euler Script font:** Use the “euscript” package.

```
\usepackage[mathscr]{euscript}
```

...

```
 $\mathscr{ABCDEFGHIJKLMN OPQRSTUVWXYZ}$ 
```

ABCDEFGHIJKLMN OPQRSTUVWXYZ

3. **Ralph Smith’s Formal Script Font (rsfs):** Use the “mathrsfs” package.

```
\usepackage{mathrsfs}
```

...

```
 $\mathscr{ABCDEFGHIJKLMN OPQRSTUVWXYZ}$ 
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

4. **Oblique rsfs fonts (rsfso):** A less slanted version of rsfs. Use the “rsfso” package.

```
\usepackage[scr]{rsfso}
```

...

```
 $\mathscr{ABCDEFGHIJKLMN OPQRSTUVWXYZ}$ 
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

5. **Boondox upright script font:** Use the “BOONDOX-uprscr” package.

```
\usepackage{BOONDOX-uprscr}
```

...

```
 $\mathscr{ABCDEFGHIJKLMN OPQRSTUVWXYZ}$ 
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

6. **MathTimePro2 (commercial fonts):** In addition, for those who are really picky, there is an excellent script font in the commercial font package called *MathTimePro2*, which can be purchased for \$79 (academic sale price) at www.pctex.com.

```
\usepackage[mtpscr]{mtp2}
```

...

```
 $\mathscr{ABCDEFGHIJKLMN OPQRSTUVWXYZ}$ 
```

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z