1 Fontsepc

1.1 normal font

Hello world

1.2 switch font

Use `\newfontfamily{cmd}{font}` to decalre a new font family, and use `{\cmd text}` to switch font. `Hello world`

2 Unicodemath

2.1 Math font selection

$$\int x \,\mathrm{d}x = \frac{x^2}{2} + \mathrm{C} \tag{1}$$

$$\sum i = \frac{i(i+1)}{2} \tag{2}$$

$$\mathbb{R} = \mathscr{R} + \mathbf{R} \tag{3}$$

2.2 unicode input

Input can be unicode instead of LaTeX command:

$$\mathbf{J} = \nabla \times \mathbf{H} \qquad \mathbf{B} = \mu_0(\mathbf{M} + \mathbf{H})$$

$$\int_0^3 x^n \varphi_{12}(x) \,đx$$

2.3 unimath-erewhon

There are some predefined symbols in manual of **unimath-erewhon**, ecah command behaves slightly different in different math font:

L: Latin Modern Math (latinmodern-math.otf)

X: XITS Math (XITSMath-Regular.otf)

S: STIX Math Two (STIXTwoMath-Regular.otf)

P: TeX Gyre Pagella Math (texgyrepagella-math.otf)

D: DejaVu Math TeX Gyre (texgyredejavu-math.otf)

F: Fira Math (FiraMath-Regular.otf)

N: NCM Math (NewCMMath-Book.otf)

H: GFS Neohellenic Math (GFSNeohellenicMath.otf)

E: Erewhon Math (Erewhon-Math.otf)

C: XCharter Math (XCharter-Math.otf)

R: Concrete Math (Concrete-Math.otf)

Loading form, take "TEX Gyre Pagella" for an example, see below:

```
\documentclass{article}
\usepackage{unicode-math}
\setmathfont{texgyrepagella-math.otf}

\begin{document}
\[
  \mscrG
\]
\end{document}
```

The output like:

$$\begin{matrix}\mathcal{G}\mathit{f}\\ \mathcal{K}_{\mathit{j}}\end{matrix} \tag{4}$$