

A little guide of Chinese Mandarin fonts in \LaTeX

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1 Preamble

1.1 Begin document with fontspec

```
\documentclass{article}  
\usepackage{fontspec} %Font package
```

1.2 Declare font (in your system)

We can declare the command `\ch`,

```
%% Preamble %%  
\newfontfamily\ch[Mapping=tex-text]{HAN NOM A}  
%AR PL UMing CN : light font  
%AR PL UKai TW MBE : drawn font (marked traces)  
\DeclareTextFontCommand{\unifont}{\ch}
```

2 Call the function inside the document

Examples of use `\ch{语}}`:语.

```
\begin{document}  
\ch{你好我说汉语}  
\end{document}
```

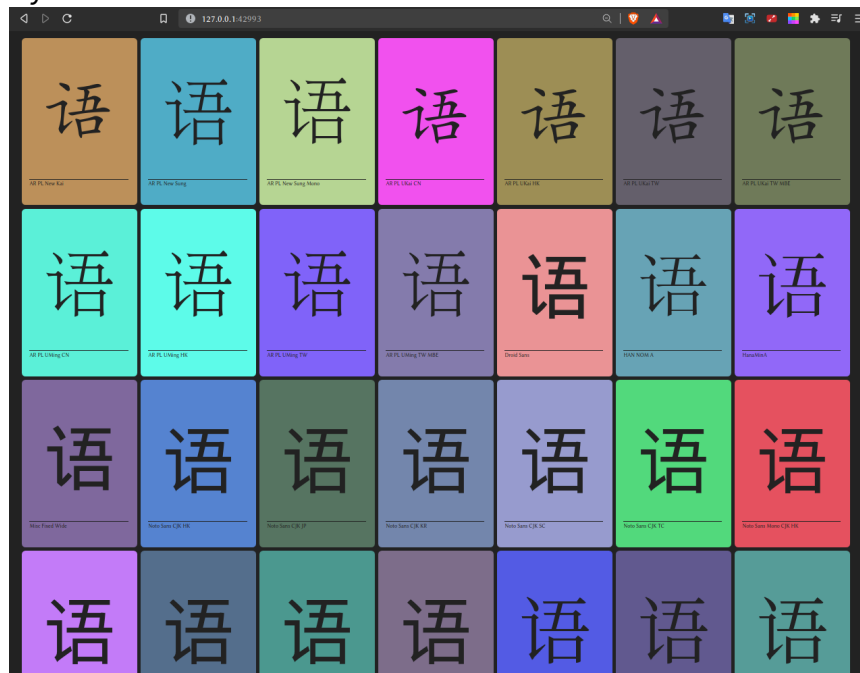
= 你好我说汉语

3 Note

To know the name of the fonts installed in the system which render Mandarin, we can install `fontfor`, written in Rust. Then, call it in the shell,

```
$ fontfor -p 语
```

It will open a webpage rendering and showing the fonts available in the system.



Also, we can specify general fonts to be used in the hole document, also.

```
%% Preamble %%  
\setmainfont{Source Han Sans CN} % Font for the hole text  
\setmonofont{AR PL UMinG CN} % Font for verbatim
```