The **resumecls** package*

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摘要

resumecls is a LATEXcls making typeseting a resume or cv in both English and Chinese more easily.

1 Introduction

There do exist many resume cls already. But from my experience, most of them are too complicated or lack of flexibility.

resumecls make all contents consists of heading/entry based on tabularx. You can easily design the style and many recommended ones are also listed in example files.

What's more, resumecls already has ctex package imported which means it support Chinese natively. The example-zh.tex and example-en.tex is almost the same (in LATEX code, not the content). You need no more work to make your resume both in English and Chinese.

2 Usage

`\heading`	The heading part for each section.
`\entry`	All contents except for heading.
`\name`	Your Name.
`\organization`	Your unit, shcool or organization.

\address	Your address and zip code.
\mobile	Your phone number.
\mail	Your mail address.
\homepage	Your homepage.
\leftfooter	The content you want to put at left footer. Feel free to leave it blank.
\rightrfooter	The content you want to put at right footer. Feel free to leave it blank.

3 Implementation

3.1 Options

```
1 \newif\ifrclscolor\rclscolorfalse
2 \DeclareOption{color}{\rclscolortrue}
```

3.2 Import article class

```
3 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
4 \ProcessOptions\relax
5 \LoadClass[a4paper,12pt]{article}
```

3.3 Import packages

```
6 \RequirePackage[top=.5in,bottom=.5in,left=.5in,right=.5in]{geometry}
7 \RequirePackage[xetex,unicode]{hyperref}
8 \RequirePackage[noindent]{ctex}
9 \RequirePackage{tabularx}
10 \RequirePackage{color}
11 \RequirePackage{fancyhdr}
```

3.4 Color Settings

3.4.1 Background color for heading

```
12 \definecolor{heading}{gray}{0.85}
```

3.4.2 Color for hyperlink

```
13 \ifrclscolor
14     \hypersetup{colorlinks}
15 \else
16     \hypersetup{hidelinks}
17 \fi
```

3.5 Reference Settings

```
18 \RequirePackage[sort&compress]{natbib}
19 \bibliographystyle{unsrt}
20 \setlength{\bibsep}{0pt}
```

3.6 Content Variable

\name

```
21 \def\rclsname{}
22 \newcommand\name[1]{\def\rclsname{#1}}
```

\organization

```
23 \def\rclsorganization{}
24 \newcommand\organization[1]{\def\rclsorganization{#1}}
```

\address

```
25 \def\rclsaddress{}
26 \newcommand\address[1]{\def\rclsaddress{#1}}
```

\mobile

```
27 \def\rclsmobile{}
28 \newcommand\mobile[1]{\def\rclsmobile{#1}}
```

\mail

```
29 \def\rclsmail{}
30 \newcommand\mail[1]{\def\rclsmail{#1}}
```

\homepage

```
31 \def\rclshomepage{}
32 \newcommand\homepage[1]{\def\rclshomepage{#1}}
```

\leftfooter

```
33 \def\rclsleftfooter{}
34 \newcommand\leftfooter[1]{\def\rclsleftfooter{#1}}
```

\rightfooter

```
35 \def\rclsrightfooter{}
36 \newcommand\rightfooter[1]{\def\rclsrightfooter{#1}}
```

3.7 Custom commands

`\heading`

```
37 \newcommand{\heading}[1]{%
38     \colorbox{heading}{%
39         \parbox{.98\textwidth}{%
40             \bfseries\zihao{4}#1
41         }
42     } \\
43 }
```

`\entry`

```
44 \newcommand{\entry}[3]{%
45     \begin{tabularx}{\textwidth}{@{\hspace{#1}}#2}
46         #3
47     \end{tabularx}
48 }
```

3.8 Style settings

3.8.1 Redefine maketitle

```
49 \renewcommand{\maketitle}{%
50     \entry{0em}{Xr}{%
51         \bfseries\zihao{4}\rclsname  & \rclsmobile \\
52     \rclsorganization           & \href{mailto:\rclsmail}{\rclsmail} \\
53         \rclsaddress              & \url{\rclshomepage} \\
54     }
55 }
```

3.8.2 Header and footer settings

```
56 \pagestyle{fancy}
57 \fancyhf{}
58 \renewcommand{\headrulewidth}{0pt}
59 \renewcommand{\footrulewidth}{0pt}
60 \fancyfoot[L]{\footnotesize \rclsleftfooter}
61 \fancyfoot[R]{\footnotesize \rclsrightfooter}
```

3.8.3 Empty refname

```
62 \renewcommand{\refname}{}
```

3.9 Customization

3.9.1 Font settings

Cause we recommend use XeLaTeX to compile, so you can easily setting the font to whatever you like only if it exists on you computer. Just add something like following code before \begin{document}.

```
1 \setmainfont{Times New Roman}
2 \setCJKmainfont[BoldFont=黑体]{宋体}
```

3.9.2 Multiple pages

Currently, resumecls doesn't support multiple pages very well. Before showing the method for customization I want you relize that only one page for resume is enough. resumecls use \begin{table} and \end{table} to enclose all contents so that the whole resume will be limited in one page. But if you really want to have multiple pages, you can set multiple table environments in your tex file and judge the place for new page yourself. the code within document environment for two pages resume will looks like:

```
1 \begin{table}
2 Contents for Page 1
3 \end{table}
4 \newpage
5 \begin{table}
6 Contents for Page 2
7 \end{table}
```

Change History

v0.1

    General: Initial version with dtx .. 1

v0.1.1

    General: Minor bug fix 1

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Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.