

# The `resumeccls` package\*

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## Abstract

`resumeccls` is a latex cls to create a resume or cv more easily. Especially it supports Chinese as well as English at the same time.

## 1 Introduction

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

`resumeccls` 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, `resumeccls` already has `ctex` package imported which make it support Chinese natively. The `example-zh.tex` and `example-en.tex` is almost the same (in  $\text{\LaTeX}$  Code, not the content). You need no more work to make your resume both in English and Chinese.

## 2 Usage

<code>\heading</code>	The heading part for each section.
<code>\entry</code>	All contents except for heading.
<code>\name</code>	Your Name.
<code>\organization</code>	Your unit, shcool or organization.
<code>\address</code>	Your address and zip code.

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\*This document corresponds to `resumeccls` ?, dated ?.

<code>\mobile</code>	Your phone number.
<code>\mail</code>	Your mail address.
<code>\homepage</code>	Your homepage.
<code>\resumeurl</code>	The url for the resume. It will locate at the right of footer. If you don't want it, just leave it blank.

## 3 Implementation

### 3.1 Options

```

1 \newif\ifrcls@zh\rcls@zhtrue
2 \newif\ifrcls@en\rcls@enfalse
3 \newif\ifrcls@color\rcls@colorfalse
4 \DeclareOption{zh}{\rcls@zhtrue\rcls@enfalse}
5 \DeclareOption{en}{\rcls@entrue\rcls@zhfalse}
6 \DeclareOption{color}{\rcls@colortrue}

```

### 3.2 Import article class

```

7 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}
8 \ProcessOptions\relax
9 \LoadClass[a4paper,12pt]{article}

```

### 3.3 Import packages

```

10 \RequirePackage[top=.5in,bottom=.5in,left=.5in,right=.5in]{geometry}
11 \RequirePackage[xetex,unicode]{hyperref}
12 \RequirePackage[noindent,adobefonts]{ctex}
13 \RequirePackage{tabularx}
14 \RequirePackage{color}
15 \RequirePackage{fancyhdr}

```

### 3.4 Color Settings

#### 3.4.1 Background color for heading

```

16 \definecolor{heading}{gray}{0.85}

```

#### 3.4.2 Color for hyperlink

```

17 \ifrcls@color
18 \hypersetup{colorlinks}

```

```

19 \else
20     \hypersetup{hidelinks}
21 \fi

```

### 3.5 Reference Settings

```

22 \RequirePackage[sort&compress]{natbib}
23 \bibliographystyle{unsrt}
24 \setlength{\bibsep}{0pt}

```

### 3.6 Content Variable

```

\name
25 \def\rcls@name{}
26 \newcommand\name[1]{\def\rcls@name{#1}}

\organization
27 \def\rcls@organization{}
28 \newcommand\organization[1]{\def\rcls@organization{#1}}

\address
29 \def\rcls@address{}
30 \newcommand\address[1]{\def\rcls@address{#1}}

\mobile
31 \def\rcls@mobile{}
32 \newcommand\mobile[1]{\def\rcls@mobile{#1}}

\mail
33 \def\rcls@mail{}
34 \newcommand\mail[1]{\def\rcls@mail{#1}}

\homepage
35 \def\rcls@homepage{}
36 \newcommand\homepage[1]{\def\rcls@homepage{#1}}

\resumeurl
37 \def\rcls@resumeurl{}
38 \newcommand\resumeurl[1]{\def\rcls@resumeurl{#1}}

```

## 3.7 Custom commands

`\heading`

```
39 \newcommand{\heading}[1]{
40   \colorbox{heading}{
41     \parbox{.96\textwidth}{
42       \bfseries\zihao{4}#1
43     }
44   } \\\
45 }
```

`\entry`

```
46 \newcommand{\entry}[3]{
47   \begin{tabularx}{\textwidth}{@{\hspace{#1}}#2}
48     #3
49   \end{tabularx}
50 }
```

## 3.8 Style settings

### 3.8.1 Redefine maketitle

```
51 \renewcommand{\maketitle}{
52   \entry{0em}{Xr}{
53     \bfseries\zihao{4}\rcls@name & \rcls@mobile \\\
54     \rcls@organization & \href{mailto:\rcls@mail}{\rcls@mail} \\\
55     \rcls@address & \url{\rcls@homepage} \\\
56   }
57 }
```

### 3.8.2 Header and footer settings

```
58 \pagestyle{fancy}
59 \fancyhf{}
60 \renewcommand{\headrulewidth}{0pt}
61 \renewcommand{\footrulewidth}{0pt}
62 \ifrcls@zh
63   \CTEXoptions[today=small]
64   \fancyfoot[L]{\footnotesize 最后更新: \today}
65 \else
66   \CTEXoptions[today=old]
```

```

67 \fancyfoot[L]{\footnotesize Last Modified: \today}
68 \fi
69 \fancyfoot[R]{\footnotesize \url{\rcls@resumeurl}}

```

### 3.8.3 Empty refname

```

70 \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, `resumeccls` doesn't support multiple pages very well. Before showing the method for customization I want you realize that only one page for resume is enough. `resumeccls` 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		v0.1.3	
General: Initial version with dtx . . .	1	General: Add reference settings . . .	1
v0.1.1		v0.1.4	
General: Minor bug fix . . . . .	1	General: Use bfseries for better English support . . . . .	1
v0.1.2		v0.2	
General: Customization part in documentation . . . . .	1	General: First try to upload to CTAN . . . . .	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.

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