

The `resumecls` package*

huxuan
i@huxuan.org

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Abstract

`resumecls` is a document class to typeset a resume or cv both in English and Chinese with more ease and flexibility.

1 Introduction

There do exist many resume document classes already. But from my experience, most of them are a little bit complicated or lack of flexibility.

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

What's more, `resumecls` has CTeX intergated which means it support Chinese natively. The example tex files for both English and Chinese are almost the same except for the actual content. You can just focus on the content and have your resume both in English and Chinese with no more work.

2 Usage

<code>\heading</code>	The heading part for each section.
<code>\entry</code>	All entry-like contents except for the heading.
<code>\name</code>	Your Name.
<code>\organization</code>	Your unit, school or organization.
<code>\address</code>	Your address and possibly with zip code.
<code>\mobile</code>	Your phone number.
<code>\mail</code>	Your email address.
<code>\homepage</code>	Your homepage.
<code>\leftfooter</code>	The content you want to put at left footer. Feel free to leave it empty.
<code>\rightfooter</code>	The content you want to put at right footer. Feel free to leave it empty.

*This document corresponds to `resumecls` v0.4.1, dated 2020/04/20.

3 Implementation

3.1 Options

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

3.2 Import article class

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

3.3 Import packages

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

3.4 Color Settings

3.4.1 Background color for heading

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

3.4.2 Color for hyperlink

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

3.5 Reference Settings

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

3.6 Content Variable

`\name`

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

`\organization`

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

`\address`

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

```

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

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

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

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

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

```

3.7 Custom commands

```

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

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

```

3.8 Style settings

3.8.1 Redefine maketitle

```

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

```

```
54 }
```

3.8.2 Header and footer settings

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

3.8.3 Empty refname

```
61 \renewcommand{\refname}{}
```

3.9 Customization

3.9.1 Font settings

Since we use XeL^AT_EX and C_TE_X, everything should be fine with no extra configuration. But if you dedicated to, you can change the font as you like only if XeL^AT_EX or C_TE_X supported.

3.9.2 Multiple pages

Since the document generated from `resumecls` is just a bunch of tables, it is pretty straightforward to enclose the contents in multiple table environments and use `\clearpage` to split them into multiple pages. A minimal example looks like the following:

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

4 Contributors

Please refer to [Contributors](#).

Change History

v0.1		v0.1.1
General: Initial version with dtx	.. 1	General: Minor bug fix

v0.1.2	General: Customization part in documentation	1	v0.3	General: Long time no see, resumecls	1
v0.1.3	General: Add reference settings . . .	1	v0.3.1	General: Compatible with TeXLive 2015 now	1
v0.1.4	General: Use bseries for better English support	1	v0.3.2	General: Welcome, contributors . . .	1
v0.2	General: First try to upload to CTAN	1	v0.4.0	General: Hello 2020	1
v0.2.1	General: Celebrate for being included in CTAN	1	v0.4.1	General: Minor fix with enhanced examples	1

Index

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.

A	<code>\homepage</code>	<u>30</u>	N
<code>\address</code>		<u>24</u>	<code>\name</code>
	L		
E	<code>\leftfooter</code>	<u>32</u>	O
<code>\entry</code>		<u>43, 49</u>	<code>\organization</code>
	M		
H	<code>\mail</code>	<u>28</u>	R
<code>\heading</code>	<code>\mobile</code>	<u>26</u>	<code>\rightfooter</code>
			<u>34</u>