The **resumecls** package[*]

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2013/03/17

Abstract

resumecls 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.

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 make 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.

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[*]This document corresponds to **resumecls** v0.2.1, dated 2013/03/17.

`\mobile`	Your phone number.
`\mail`	Your mail address.
`\homepage`	Your homepage.
`\resumeurl`	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, 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 fhile 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}
```