Documentation of the LaTeX class

europasscv.cls

https://www.devrandom.it/software/europasscv

Version 2019-01-14

Giacomo Mazzamuto

gmazzamuto+ctan@gmail.com

September 7, 2020

Abstract

This paper describes how to use europasscv.cls, a LaTeX document class for typesetting a curriculum vitae according to the Europass initiative of the European Commission. This is an unofficial implementation of that format, featuring the major style updates that came out in 2013.

Contents

1   Introduction

This class is an unofficial LaTeX implementation of the the *Europass CV*, the standard model for curriculum vitae as recommended by the European Commission. The Europass CV replaces the European CV, launched in 2002. In 2013 a major revision of the Europass CV came out, featuring a neater, more compact and somewhat fancier layout. This class is an implementation of the 2013 version of that layout and is based on the europecv[1] class (which is an implementation of the previous layout).

The Europass CV defines both the content and the layout of a curriculum vitae. The europasscv class provides support for the latter, and for the former as far as personal information, spoken languages and digital competences are concerned. If you want to know how the content of a Europass CV is structured, refer to the documentation provided by the Europass website[2].

This class tries to be as close as possible to the standard model without sacrificing flexibility. Although it is primarily intended for users in the European Union, the class can be used for any kind of curriculum vitae (possibly with the options `notitle` and `nologo`, see below), or even for other kinds of documents.

2   Tutorial

Let's start with a minimal (empty) curriculum vitae:

```
\documentclass[english,a4paper]{europasscv}
\begin{document}
  \begin{europasscv}
  \end{europasscv}
\end{document}
```

---

[1]http://ctan.org/pkg/europecv
[2]https://europass.cedefop.europa.eu/en/documents/curriculum-vitae/templates-instructions.

Now you can start writing your CV by entering first of all your personal information and then adding sections and items as described below.

For a complete list of usable class options see section **??**.

2.1 Personal information

PERSONAL INFORMATION **Name Surname**

📍 rue Wiertz, B-1047 Brussels

📱 (+555) 340 123   ☎ (+555) 555 555

📠 (+555) 123 456

✉ smith@kotmail.com   another@email.com

🌐 www.myhomepage.com   www.another.com

⊙ https://github.com/smith

🦊 https://gitlab.com/smith

in https://www.linkedin.com/in/smith

ⓘ ORCID 0000-0000-0000-0000

💬 AOL Messenger betty.smith   Google Talk bsmith

Gender Female | Date of birth 1 January 1970 |

Nationality English

The *Personal information* section shown above is specified with the commands:

```
\ecvname{Name Surname}
\ecvaddress{rue Wiertz, B-1047 Brussels}
\ecvtelephone{(+555) 555 555}
\ecvmobile{(+555) 340 123}
\ecvworkphone{(+555) 123 456}
\ecvemail{smith@kotmail.com another@email.com}
\ecvhomepage{www.myhomepage.com www.another.com}
\ecvgithubpage{https://github.com/smith}
\ecvgitlabpage{https://gitlab.com/smith}
\ecvlinkedinpage{https://www.linkedin.com/in/smith}
\ecvorcid[label, link]{0000-0000-0000-0000}
```

```
\ecvim{AOL Messenger}{betty.smith}
\ecvim{Google Talk}{bsmith}
\ecvdateofbirth{1 January 1970}
\ecvnationality{English}
\ecvgender{Female}
```

and then typeset inside the `europasscv` environment with:

\ecvpersonalinfo

Photos can be added with the following commands:

\ecvpictureleft[*options*]{*filename*}

\ecvpictureright[*options*]{*filename*}

where options are passed to `\includegraphics`. The command `\ecvpicture` is an alias for `\ecvpictureleft`.

2.2   Sectioning and item commands

Sectioning commands should be used inside the `europasscv` environment. All of them have an optional argument that specifies how much vertical space to leave *before* that command. Note that this is the opposite of what happened in the old `europecv` class.

Use the following simple commands to add items and sections to your CV:

JOB APPLIED FOR	ecvbigitem
ECVSECTION	

apr 2012 – apr 2014   ecvtitle

ecvitem: this is the standard CV item. This is some highlighted text.

ecvitemize
 − this is a list item
 − this is a list item
  • this is a list item
  • this is a list item

blue left text   ecvblueitem

apr 2012 – apr 2014   ecvtitlelevel   ISCED 6

ecvitem   Item description

ecvitem   highlighted cell

\ecvsection[*vspace*]{*title*} Start a new section with the given *title*.

\ecvitem[*vspace*]{*left*}{*right*} Put *left* text on the left part and *right* text on the right part of the page. This is a standard CV item. Note that, in the 2013 version of the Europass CV, text on the left part is much less used than before. Still, it can be sometimes useful to put some text on the left.

\ecvtitle[*vspace*]{*left*}{*right*} As above, but the text is typeset in blue and with a larger font on the right. This is used to highlight a block in your CV related to a same job or degree, with dates typically going on the left and job description or degree type on the right.

\ecvtitlelevel[*vspace*]{*left*}{*right*}{*degree level*} Allows to specify a national or international level for the awarded degree.

\ecvblueitem[*vspace*]{*left*}{*right*} As a standard CV item, but text on the left is typeset in blue. This is mainly used in the second part of the CV.

\ecvbigitem[*vspace*]{*left*}{*right*} As above, but typeset the left text in capital blue letters and the right text in a bigger font. This is rarely used.

If you want to highlight some text using the highlight color of the Europass CV palette (section **??**), you may find this convenience command useful:

\ecvhighlight{*some text*}

To hihghlight the background of a cell, use this command instead:

\ecvhighlightcell{*some text*}

For example:

\ecvitem{*left*}{\ecvhighlightcell{*some text*}}

Finally, if you want to put lists in one CV entry, use the `ecvitemize` and `ecvenumerate` environments for a better alignment with the text in the left column:

```
\ecvitem{left text}{
  \begin{ecvitemize}
    \item this is a list item
    \item this is a list item
  \end{ecvitemize}
}
```

2.3 Language skills

The language skills table is usually found at the beginning of the "Personal skills" section of the Europass CV. The commands needed to typeset the language table are fully highlighted by the following example:

```
\ecvmothertongue{English}
\ecvlanguageheader
\ecvlanguage{French}{C1}{C2}{B2}{C1}{C2}
\ecvlanguagecertificate{Diplôme d'études en langue française (DELF) B1}
\ecvlastlanguage{German}{A2}{A2}{A2}{A2}{A2}
\ecvlanguagefooter
```

which is typeset like this:

Mother tongue	English				
Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	C1	C2	B2	C1	C2
	Diplôme d'études en langue française (DELF) B1				
German	A2	A2	A2	A2	A2
	Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user				
	Common European Framework of Reference (CEF) level				

2.4 Digital competences

This one is another self-assessment grid which allows to present digital competences. It is divided into five categories. For each of these, there are three competence levels available. To create a self-assessment grid, a single command will suffice. Additionally, convenient string definitions are provided to describe each level. In the following, an example code snippet and the resulting CV entry is presented:

```
\ecvdigitalcompetence
    {\ecvBasic}
    {\ecvIndependent}
    {\ecvProficient}
    {\ecvIndependent}
    {\ecvBasic}
```


3 Advanced usage

3.1 Bibliography

Printing bibliography using `biblatex` is supported. Please refer to the provided source file for a working example of how to integrate `biblatex` with `europasscv`. Basically, in your preamble you need to use the `biblatex` package followed by

```
\usepackage{europasscv-bibliography}
```

and then you can specify the bibliography source file as usual.

To print the bibliography, use the following commands:

```
\renewcommand{\section}[2]{\ecvsection{#2}}
\printbibtabular[title=Publications]
```

where the first command is used to specify which kind of heading you want to use for the bibliography section. Finally, the following commands are defined in the `europasscv-bibliography` package:

\ecvbibhighlight{*last name*}{*first name*}{*first name initial*} mark the given name to be highlighted in bold in the bibliography

3.2 Class options

3.2.1 Appearance options

black Typeset CV entries in black instead of `ecvtextcolor` (see **??**).

nodocument Do not apply the class settings (i.e. margins, headers and footers) at `\begin{document}`.

nologo Do not draw the Europass logo.

notitle Do not typeset the title "Curriculum vitae".

nototpages Do not typeset total page count in the footer.

The following options affect the font used:

narrow Use the Condensed Helvetica font instead of Helvetica.

bigfont Use a sligtly bigger font than the one found in the official Europass CV.

3.2.2 Language options

The options hereby described are not related to babel. The choice of the language only affects the appearance of labels appearing e.g. in the personal information section, the spoken language table and the footer. If you want to use the hyphenation patterns for the language(s) of your choice, you must include the `babel` package in your document.

The following language options are currently supported: `catalan`, `danish`, `english`, `czech`, `french`, `german`, `greek`[3], `hungarian`, `italian`, `norsk` (Norwegian Bokmål), `polish`, `portuguese`, `slovenian`, `spanish`.

If you need a different language, you must create a new `.def` file and add the corresponding `\DeclareOption` in the class file. Please contribute your `.def` files so that they can be included in future updates. The `.def` files in the `europecv`[4] package are a good starting point.

3.2.3 Fonts

When using LaTeX, the default font is `phv` or Helvetica. To override, use the `\ecvfont` command:

```
\ecvfont{lmr}
```

When using X‑LaTeX or LuaLaTeX, the default font is TeX Gyre Heros. To override, use:

```
\setmainfont{TeX Gyre Pagella}
```

3.2.4 Debugging

If you are editing the class file you may find the `debug` option useful: if this option is specified, debug messages are printed on the terminal, the boxes making up the structure of the CV are highlighted with background colors, and the package `showframe` is loaded.

---

[3]Requires X‑LaTeX or LuaLaTeX.
[4]http://ctan.org/pkg/europecv

3.3   Color palette

The following colors are defined in the package:

color name	sample	HTML code
ecvrulecolor		398DC9
ecvsectioncolor		0E4194
ecvhighlightcolor		1593CB
ecvhighlightcellcolor		EBEBEB
ecvtablebordercolor		C6C6C6
ecvlanglinkcolor		000080
ecvtextcolor		3E3A38

You can use these colors wherever you want in your document like this

```
\textcolor{colorname}{ Some text }
```

There is also a convenience command \ecvhighlight{ Some text } which typesets text in ecvhighlightcolor.

3.4   Deprecated commands

Using \ecvtelephone[*mobile number*]{*number*} with the optional argument is deprecated. Please use \ecvmobile{*number*} and \ecvtelephone{*number*} instead.

4   Copyright and license

Europass and the Europass logo are copyright of the European Union.[5]   The europasscv class is released under The LaTeX Project Public License version 1.3.[6]

5   Acknowledgements

Special thanks to LaTeX enthusiast Francesco Biccari whom I had the pleasure to meet at LENS in Sesto Fiorentino and who provided useful comments and suggestions.

---

[5]See http://europass.cedefop.europa.eu for more information.
[6]http://ctan.org/license/lppl1.3.

The following people contributed language definition files: Peter Fink (German); Nuno Vieira (Portuguese), Henry Ajquejay, Gastón Simone and Pablo Rodriguez (Spanish); Aleš Zadravec (Slovenian); Jan Koprnický (Czech); Lennart Jern (Swedish), Daniel Østergaard Andreasen (Danish), Roger Bassons Renart (Catalan).

The following people contributed code changes: Stanley Foerster, Andrzej Śliwiński