

**ecv**  
A fancy Curriculum Vitae Class

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April 23, 2011

**Abstract**

The `ecv`-class provides a convenient environment for creating a fancy tabular curriculum vitae. The class is oriented at the europass (see: <http://europass.cedefop.eu.int>).

## 1 Installation

The `zip` or `tar.gz` file comes with a `ecv.ins` and a `ecv.dtx` file included which contains the  $\LaTeX$  stuff.

To extract the class files call:

```
$ latex ecv.ins
```

This call will extract all  $\LaTeX$  specific files to the current directory. You can either use the files for a single cv project or you can integrate the files into your  $\TeX$  installation.

If you just want to use `ecv` for a single curriculum vitae project, the simplest way is just to copy the generated files to the folder of the project.

If you want to integrate `ecv` into your  $\TeX$  installation, create a directory `tex/latex/ecv` beneath your  $\TeX$  installation (e.g. beneath `/usr/share/texmf`) and copy all files from the current directory there. Now call:

```
$ mktexlsr
```

to update the file-cache of  $\LaTeX$ .

Hint: The `ecv` distribution contains a sample docstrip configuration in `docstrip.cfg` via which files can be distributed automatically to their correct positions inside a  $\LaTeX$  installation. Feel free to adapt this file to your environment and afterwards call `latex ecv.ins` to install the package to its right place.

## 2 Linux and Windows

Ecv has been tested on Linux and also under Windows, using MiXTeX and TeXnic-Center.

## 3 Templates

For a quick start the ecv distribution contains document templates for a german and an english curriculum vitae. The templates can be found in the `template.zip` file.

The `template` directory contains the templates

- `CV-template_de.tex` for the german language
- `CV-template_en.tex` for the english language

and a Makefile to build the pdf. Just call:

```
$ make
```

to build the pdf. The file `portrait.eps` contains a dummy portrait for the first page of the curriculum vitae.

## 4 Structure

The tex-file that contains the curriculum vitae will have roughly the following structure:

```
\% The languages english and german are supported
\documentclass[german]{ecv}

\% Portrait to be used on the first page
\ecvPortrait{images/myPortrait}

\% Name to be use for the footer line
\ecvName{My Name}

\begin{document}

\% Start the tabular that contains the cv (this will print title
\% and portrait)
\begin{ecv}

\% Group entries with sections
\ecvSec{\ecvPerson}

\% Entries in the tabular
\ecvEPR{Name}    {\textsc{Name}, My}
```

```

\ecvEPR{Adresse}{Somewhere 13, Sometown}
\ecvEPR{Telefon}{(555) 555 / 555}
\ecvEPR{E-Mail} {\ecvHyperEMail{nobody@nowhere.com}}
\ecvEPR{Staatsangeh"origkeit}
      {Deutsch}
\ecvEPR{Geburtsdatum}
      {12.34.5678}
\end{ecv}

\ecvSig{Name, My}{Sometown}

```

The example shows that some information is provided before the document start like the name for the footer line and the portrait. The actual cv is then written in the `ecv` environment. A curriculum vitae can be finalized with a signature where the issuer can sign by hand.

## 5 NLS support

As the example in the last chapter suggests curriculum vitae can be written in either german or english language. Actually a curriculum vitae–tex–file can contain both a german version and an english version. Most commands of the class accept an optional parameter which defines to which language the command applies. If the language does not match the language define in the `documentclass` the command is ignored.

Example:

```

\ecvERP[german]{Staatsangeh"origkeit}{Deutsch}
\ecvERP[english]{nationality}{german}

```

If the document is rendered with `\documentclass[german]{ecv}` the first line is used, if the document is rendered with `\documentclass[english]{ecv}` the second line is printed.

The class also provides with its package `ecvNLS.sty` some macros for nationalized text–fragments like `ecvPerson` which prints `Zur Person` in the german version and `Personal Information` in the english version.

## 6 Documentclass

`documentclass ecv` This package provides the `documentclass ecv`. The `documentclass` supports the following options:

- `german` Select language german
- `english` Select language english
- `empty` Do not print footer or header
- `selinput` Use `selinput` package instead of `inputenc` if you encounter encoding problems and if you have `selinput` installed.

## 7 Header

Between the `documentclass` and the `document-environment` two commands are supported:

`ecvName`  
`ecvPortrait`

- `\ecvName{<name>}` Sets the name of the author of the cv. The name is printed in the left-hand footer. If the name is not set, the left hand footer (`Curriculum Vitae` or `Lebenslauf`) is not printed.
- `ecvPortrait{<image-name>}` Sets the name of the image that should be used as the portrait right to the title of the curriculum vitae. A file-extension of `jpg` is appended to the `image-name`. The image is printed 40mm x 60mm. If the `ecvPortrait` command does not exist no image is shown.

## 8 Footer

After the curriculum vitae a field for the signature can be added. This package provides the following command for this purpose:

`ecvSig`

- `\ecvSig{<name>}{<town>}` Creates a signature field beneath the curriculum vitae.

A signature looks the following way:

MyTown, April 23, 2011

Name, My

## 9 `ecv` Environment

- `ecv` The `ecv` environment encloses the curriculum vitae. All entries of the curriculum vitae must be inside an `ecv` environment. The `ecv` environment prints a title (either `Lebenslauf` or `Curriculum Vitae`) and the portrait (if one is defined) prior to the entries.
- `ecv*` In addition to the `ecv` environment the `ecv*` environment is provided. This environment works exactly like the `ecv` environment but ommits the title and the picture.

## 10 Entries

The curriculum vitae is composed of entries which are composed of a tag (left hand side) and a value (right hand side). Both tag and value can come in different flavours.

For example you have different entries for a job: “period of time”, “branch of trade”, “job title” and “job description”. It is recommended to have the “period of time” entry with a special preceding symbol, like a blue triangle, and the other entries with a common preceding symbol, like a small bullet.

Note that in this example several jobs would be listed under a section “jobs”. In the description below the term group relies to a single job with its several entries.

- `\ecvTP` Tags can be written with the following macros:  
`\ecvTF`  
`\ecvTN`
- `\ecvTF[⟨lang⟩]{⟨text⟩}` or `\ecvTagFirst[⟨lang⟩]{⟨text⟩}` A tag that starts a group of tags. The `text` is preceded by a small blue triangle.
  - `\ecvTN[⟨lang⟩]{⟨text⟩}` or `\ecvTagNext[⟨lang⟩]{⟨text⟩}` A tag inside a group of tags. The `text` is preceded by a small circle.
  - `\ecvTP[⟨lang⟩]{⟨text⟩}` or `\ecvTagPlain[⟨lang⟩]{⟨text⟩}` The most simple form of a tag. Just prints `text`, without a preceded symbol.
- `\ecvVR` Values can be written as ragged right or as justified text with the following macros:  
`\ecvVB`
- `\ecvVR[⟨lang⟩]{⟨text⟩}` or `\ecvValueRagged[⟨lang⟩]{⟨text⟩}` A value with a ragged right.
  - `\ecvVB[⟨lang⟩]{⟨text⟩}` or `\ecvValueBlocked[⟨lang⟩]{⟨text⟩}` A value with justified text.

Tags and values are separated by a `&`:

`\ecvTP{Name} & \ecvVR{Name, My}`

- `\ecvEPR` Normally we want to write whole entries. We do not want to separate tags and  
`\ecvEPB` values. Therefore, a convenient form for writing whole entries are the following  
`\ecvEFR` macros which are in fact a combination of the tag and value macros. The name  
`\ecvEFB` of the macros is composed of `ecvE` followed by the flavour of the tag followed by  
`\ecvENR` the flavour of the value:  
`\ecvENB`
- `\ecvEPR[⟨lang⟩]{⟨tag⟩}{⟨value⟩}` writes a plain tag with a value with a ragged right.
  - `\ecvEPB[⟨lang⟩]{⟨tag⟩}{⟨value⟩}` writes a plain tag with a value with a blocked right.
  - `\ecvEFR[⟨lang⟩]{⟨tag⟩}{⟨value⟩}` writes a first tag with a value with a ragged right.
  - `\ecvEFB[⟨lang⟩]{⟨tag⟩}{⟨value⟩}` writes a first tag with a value with a blocked right.
  - `\ecvENR[⟨lang⟩]{⟨tag⟩}{⟨value⟩}` writes a next tag with a value with a ragged right.

- `\ecvENB[⟨lang⟩]{⟨tag⟩}{⟨value⟩}` writes a next tag with a value with a blocked right.

Of course also these macros have a long form

```

\ecvTagPlainValueRagged
\ecvTagPlainValueBlocked
\ecvTagFirstValueRagged
\ecvTagFirstValueBlocked
\ecvTagNextValueRagged
\ecvTagNextValueBlocked

```

- |   |   |
|---|---|
| <pre> \ecvOVR \ecvOnlyValueRagged \ecvOVB \ecvOnlyValueBlocked </pre> | <p>Two special macros are provided to only print the value part:</p> <ul style="list-style-type: none"> <li>• <code>\ecvOVR[⟨lang⟩]{⟨text⟩}</code> or <code>\ecvOnlyValueRagged[⟨lang⟩]{⟨text⟩}</code> Print only the value with a ragged right.</li> <li>• <code>\ecvOVB[⟨lang⟩]{⟨text⟩}</code> or <code>\ecvOnlyValueBlocked[⟨lang⟩]{⟨text⟩}</code> Print only the value with a blocked right.</li> </ul> |
|---|---|

## 11 Sections

Entries in the curriculum vitae can be grouped by sections and subsections. Sections are printed with blue letters in the left column in a slightly bigger font-face. Subsections are printed in capital letters.

- |  |  |
|--|--|
| <pre> \ecvSec \ecvSection \ecvBSec \ecvBreakSection </pre> | <p>The Section command comes in two flavours: with and without additional vertical space (6pt) beforehand:</p> <ul style="list-style-type: none"> <li>• <code>\ecvSec[⟨lang⟩]text</code> or <code>\ecvSection[⟨lang⟩]text</code> Prints a section tag without additional vertical space beforehand.</li> <li>• <code>\ecvBSec[⟨lang⟩]text</code> or <code>\ecvBreakSection[⟨lang⟩]text</code> Prints a section tag with additional vertical space beforehand.</li> </ul> |
|--|--|

At the moment we did not try any automatization of the vertical space insertion, but have just experienced the necessity to add them. Feel free to eliminate the need for the `ecvB` commands by using fancy automatization rules, and don't forget to provide your superior L<sup>A</sup>T<sub>E</sub>X macro knowledge to us.

- |   |   |
|---|---|
| <pre> \ecvSub \ecvBSub \ecvERSub \ecvBERSub \ecvEBSub \ecvBEBSub </pre> | <p>Subsections tags are printed like section tags in the first column but in another font. In contrast to sections they can have a value attached. Subsection commands therefore are provided in a version with and a version without a value:</p> <ul style="list-style-type: none"> <li>• <code>\ecvSub[⟨lang⟩]{⟨text⟩}</code> Standard subsection (without additional vertical space).</li> <li>• <code>\ecvBSub[⟨lang⟩]{⟨text⟩}</code> Subsection with additional vertical space (small-skip).</li> </ul> |
|---|---|

- `\ecvERSub[⟨lang⟩]{⟨text⟩}{⟨value⟩}` Subsection with a ragged right value (without additional vertical space).
- `\ecvBERSub[⟨lang⟩]{⟨text⟩}{⟨value⟩}` Subsection with a ragged right value and with additional vertical space.
- `\ecvEBSub[⟨lang⟩]{⟨text⟩}{⟨value⟩}` Subsection with a blocked right value (without additional vertical space).
- `\ecvBESub[⟨lang⟩]{⟨text⟩}{⟨value⟩}` Subsection with a blocked right value and with additional vertical space.

Also these command come with verbose forms:

```

\ecvSubSection
\ecvBreakSubSection
\ecvEntryRaggedSubSection
\ecvBreakEntryRaggedSubSection
\ecvEntryBlockedSubSection
\ecvBreakEntryBlockedSubSection

```

## 12 Layouting

The `ecv` class provides some command to tweak the layout of the `cv`.

`\ecvPageBreak`  
`\ecvNewPage`

The following two commands can be used to control page-breaks:

- `ecvPageBreak` Suggest a page-break.
- `ecvNewPage` For a new page.

`\ecvBreakParagraphs`

The `\ecvBreakParagraphs` command can be used to add vertical space between entries.

`\ecvNewLine`

The `\ecvNewLine` can be introduced to continue on a new-line.

`\ecvNewPara`

The `\ecvNewPara` begins a new paragraph with additional vertical space (small-skip).

`\ecvBold`

The command `\ecvBold{⟨text⟩}` can be used to create bold written text.

## 13 Hyperlinks

`\ecvURL`  
`\ecvEMail`  
`\ecvHyperLink`  
`\ecvHyperEMail`

The curriculum vitae class provides some commands to render hyperlinks:

- `\ecvHyperLink{⟨url⟩}` Format a clickable url.
- `\ecvHyperEMail{⟨email⟩}` Format a clickable email.

The above commands are based on the following non-clickable commands, which provide the formatting and which can be used likewise:

- `\ecvURL{url}` Format an unclickable url.
- `\ecvEMail{email}` Format an unclickable email.

## 14 Localized Strings

The following localized strings are provided for the german and english languages:

<code>ecvPerson</code>	• <code>\ecvPerson</code> Either Zur Person or Personal Information
<code>ecvProfession</code>	• <code>\ecvProfession</code> Either Beruf or Profession
<code>ecvResearch</code>	• <code>\ecvResearch</code> Either Forschung or Research
<code>ecvEducation</code>	• <code>\ecvEducation</code> Either Ausbildung or Scholarship
<code>ecvPublications</code>	• <code>\ecvPublications</code> Either Publikationen or Publications
<code>ecvAwards</code>	• <code>\ecvAwards</code> Either Auszeichnungen or Awards
<code>ecvScholarships</code>	• <code>\ecvScholarships</code> Either Stipendien or Scholarships
<code>ecvJobs</code>	• <code>\ecvJobs</code> Either Arbeitserfahrung or Jobs
<code>ecvLanguages</code>	• <code>\ecvLanguages</code> Either Sprachen or Languages
<code>ecvLanguageTravels</code>	• <code>\ecvLanguageTravels</code> Either Sprachreisen or Language Travels
<code>ecvAbilities</code>	• <code>\ecvAbilities</code> Either F"ahigkeiten or Abilities
<code>ecvConferences</code>	• <code>\ecvConferences</code> Either Konferenzen or Conferences
<code>ecvSpeeches</code>	• <code>\ecvSpeeches</code> Either Vortr"age or Speeches
<code>ecvTrainig</code>	• <code>\ecvTraining</code> Either Fortbildung or Trainig
<code>ecvAttachements</code>	• <code>\ecvAttachements</code> Either Anh"ange or Attachements

## 15 Requirements

We instrument several other L<sup>A</sup>T<sub>E</sub>X packages for different purposes, which must be available under your installation.

- geometry
- longtable
- pgf
- paralist



- helvet
- color
- fancyhdr
- inputenc
- fontenc
- ae
- accompl
- aeguill
- textcomp
- url
- hyperref
- babel