

The komacv-addons Package*

Richard Grewe
r-g+tex@posteo.net

November 2, 2018

1 Introduction

This package provides a few extensions and fixes to the `komacv` class.

2 Extensions

- `\Signature` The `\Signature[⟨width⟩]` draws a line of width $\langle width \rangle$ (default: 38.2% of the text width (where $38.2\% = 1 - \frac{1}{\varphi}$, with φ being the golden ratio).
- `\signaturecity` Below the line, the macro puts the name of the city, which is expected in the `\signaturecity` macro, and the current date (via `\today`). Use `\renewcommand{\signaturecity}{...}` to specify the city.
- `\beforesigvspace` Before the signature line, a vertical space of `\beforesigvspace` (default: 3cm) is inserted. Use `\renewcommand{\beforesigvspace}{...}` to specify another distance.
- ```
1 \newcommand*\signaturecity{}
2 \newcommand*\beforesigvspace{3cm}
3 \newcommand\Signature[1][0.382\textwidth]{%
4 \par
5 \begin{tabular}{@{}p{#1}@{}}
6 \rule{0pt}{\beforesigvspace}\hline
7 \signaturecity, \today\hfill
8 \end{tabular}}
```

## 3 komacv Fixes

The construction of `\cvitem` based on a `tabular` environment seems to sometimes produce undesired vertical space below a sequence of `\cvitems`. The following fix

---

\*This document corresponds to `komacv-addons v1.1`, dated 2018/11/02. The package is available online at <http://www.ctan.org/pkg/komacv-rg> and <https://github.com/Ri-Ga/komacv-rg>.

redefines `\cvitem`, based on its original definition, to fix this vertical spacing problem.

```

9 \RequirePackage{letltxmacro}
10 \LetLtxMacro{\kcvml@origcvitem}{\cvitem}
11 \renewcommand*{\cvitem}[3][\@afterelements\vspace]{%
12 \kcvml@origcvitem[#1]{#2}{\@minipagetrue #3}}
```

We also fix the default setup of `\@listdbitemmaincolwidth`. The only change is that we also subtract `\@sepcolwidth` from `\@maincolwidth`, because `\cvlistdoubleitem` does include a horizontal separation of that width.

```

13 \AtEndPreamble{
14 \ifdimequal{\@listdbitemmaincolwidth}{0pt}{%
15 \setlength{\@listdbitemmaincolwidth}
16 \quad {\@maincolwidth-\@sepcolwidth-\@listitemsymbolwidth}%
17 \setlength{\@listdbitemmaincolwidth}{0.475\@listdbitemmaincolwidth}%
18 }{}%
19 }
```

## Change History

|    |                                           |   |      |                                             |   |
|----|-------------------------------------------|---|------|---------------------------------------------|---|
| v1 | General: Initial documented version ..... | 1 | v1.1 | General: Package author's name change ..... | 1 |
|----|-------------------------------------------|---|------|---------------------------------------------|---|

## Index

|                                             |        |                                          |        |
|---------------------------------------------|--------|------------------------------------------|--------|
| <b>Symbols</b>                              |        | <b>E</b>                                 |        |
| <code>\@afterelements\vspace</code> .....   | 11     | <code>\end</code> .....                  | 8      |
| <code>\@listdbitemmaincolwidth</code> ..... | 15, 17 | <b>H</b>                                 |        |
| <code>\@listitemsymbolwidth</code> .....    | 16     | <code>\hfill</code> .....                | 7      |
| <code>\@maincolwidth</code> .....           | 16     | <code>\hline</code> .....                | 6      |
| <code>\@minipagetrue</code> .....           | 12     | <b>I</b>                                 |        |
| <code>\@sepcolwidth</code> .....            | 16     | <code>\ifdimequal</code> .....           | 14     |
| <code>\@</code> .....                       | 6      | <b>K</b>                                 |        |
| <b>A</b>                                    |        | <code>\kcvml@origcvitem</code> .....     | 10, 12 |
| <code>\AtEndPreamble</code> .....           | 13     | <b>L</b>                                 |        |
| <b>B</b>                                    |        | <code>\LetLtxMacro</code> .....          | 10     |
| <code>\beforeSIGVSPACE</code> .....         | 1      | <code>\listdbitemmaincolwidth</code> ... | 14     |
| <code>\begin</code> .....                   | 5      | <b>P</b>                                 |        |
| <b>C</b>                                    |        | <code>\par</code> .....                  | 4      |
| <code>\cvitem</code> .....                  | 10, 11 |                                          |        |

|                              |        |                             |          |
|------------------------------|--------|-----------------------------|----------|
| <b>R</b>                     |        | <b>\Signature</b> .....     | <u>1</u> |
| <b>\renewcommand</b> .....   | 11     | <b>\signaturecity</b> ..... | <u>1</u> |
| <b>\RequirePackage</b> ..... | 9      | <b>T</b>                    |          |
| <b>\rule</b> .....           | 6      | <b>\textwidth</b> .....     | 3        |
| <b>S</b>                     |        | <b>\today</b> .....         | 7        |
| <b>\setlength</b> .....      | 15, 17 |                             |          |