

The komacv-addons Package*

Richard Gay
richard.gay@t-online.de

August 30, 2017

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`, dated 2017/08/30. 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 {\@maincolwidth-\@sepcolwidth-\@listitemssymbolwidth}%
17 \setlength{\@listdbitemmaincolwidth}{0.475\@listdbitemmaincolwidth}%
18 }{}%
19 }
```

Change History

v1 version 1
 General: Initial documented

Index

Symbols		H	
<code>\@afterelements vspace</code>	11	<code>\hfill</code>	7
<code>\@listdbitemmaincolwidth</code>	15, 17	<code>\hline</code>	6
<code>\@listitemssymbolwidth</code>	16	I	
<code>\@maincolwidth</code>	16	<code>\ifdimequal</code>	14
<code>\@minipagetrue</code>	12	K	
<code>\@sepcolwidth</code>	16	<code>\kcvml@origcvitem</code>	10, 12
<code>\@</code>	6	L	
A		<code>\LetLtxMacro</code>	10
<code>\AtEndPreamble</code>	13	<code>\listdbitemmaincolwidth</code> ...	14
B		P	
<code>\before sig vspace</code>	1	<code>\par</code>	4
<code>\begin</code>	5	R	
C		<code>\renewcommand</code>	11
<code>\cvitem</code>	10, 11	<code>\RequirePackage</code>	9
E		<code>\rule</code>	6
<code>\end</code>	8		

S	
<code>\setlength</code>	15, 17
<code>\Signature</code>	<u>1</u>
<code>\signaturecity</code>	<u>1</u>

T	
<code>\textwidth</code>	3
<code>\today</code>	7