

# The komacv-addons Package<sup>\*</sup>

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 ⟨width⟩ (default: 38.2% of the text width (where  $38.2\% = 1 - \frac{1}{\varphi}$ , with  $\varphi$  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]{\@afterelementsvspace{%
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   \ifdim\equal{\listdbitemmaincolwidth}{0pt}{%
15     \setlength{\listdbitemmaincolwidth}{%
16       {\@maincolwidth-\@sepcolwidth-\@listitemsymbolwidth}\%%
17     \setlength{\listdbitemmaincolwidth}{0.475\listdbitemmaincolwidth}\%
18   }\}\%
19 }
```

## Change History

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

## Index

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

<b>R</b>	
\renewcommand	11
\RequirePackage	9
\rule	6
<b>S</b>	
\setlength	15, 17
<b>T</b>	
\textwidth	3
\today	7