

varsfromjobname Description

Uwe Ziegenhagen, ziegenhagen@gmail.com

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Using `varsfromjobname.sty` one can easily extract information from the filename, if it follows a certain form. The LaTeX command `\jobname` returns the name of the LaTeX file.

If the filename consists of tokens separated by hyphen we can easily extract certain tokens that can be used inside the document.

The package expects the filename to be of the form

`one-two-three-four-five-six-seven-eight-nine.tex`

and offers the following commands:

- `\getfromjobname{param}`, with *param* in the range of 1 to 9 (highlevel interface to the following commands)
- `\getonefromjobname`
- `\gettwofromjobname`
- `\getthreefromjobname`
- `\getfourfromjobname`
- `\getfivefromjobname`
- `\getsixfromjobname`
- `\getsevenfromjobname`
- `\geteightfromjobname`
- `\getninefromjobname`

For included documents the package uses the `currfile` package to provide the following commands:

- `\getfromcurrfilename{param}`, with *param* in the range of 1 to 9 (highlevel interface to the following commands)
- `\getonefromcurrfilename`
- `\gettwofromcurrfilename`
- `\getthreefromcurrfilename`
- `\getfourfromcurrfilename`
- `\getfivefromcurrfilename`
- `\getsixfromcurrfilename`
- `\getsevenfromcurrfilename`
- `\geteightfromcurrfilename`
- `\getninefromcurrfilename`

Example

Place the code from Listing 1 in a file **a-b-c-d-e-f-g-h-i-j.tex** and the code from Listing 2 in a file named **z-y-x-w-v-u-t-s-r-q.tex**. Then compile the first file with `pdflatex`.

Listing 1: **a-b-c-d-e-f-g-h-i-j.tex**

```
% testfiles for varsfromjobname.sty
\documentclass{article}
\listfiles
\usepackage[utf8]{inputenc}
\usepackage[T1]{fontenc}
\usepackage{varsfromjobname}
\begin{document}

a: \getonefromjobname % a

b: \gettwofromjobname % b

c: \getthreefromjobname % c
```

```

d: \getfourfromjobname % d
e: \getfivefromjobname % e
f: \getsixfromjobname % f
g: \getsevenfromjobname % g
h: \geteightfromjobname %h
i-j: \getninefromjobname % i-j
a: \getfromjobname{1} % a
b: \getfromjobname{2} % b
c: \getfromjobname{3} % c
d: \getfromjobname{4} % d
e: \getfromjobname{5} % e
f: \getfromjobname{6} % f
g: \getfromjobname{7} % g
h: \getfromjobname{8} % h
i-j: \getfromjobname{9} % i-j
\input{z-y-x-w-v-u-t-s-r-q}
\end{document}

```

Listing 2: **z-y-x-w-v-u-t-s-r-q.tex**

```

z: \getonefromcurrfilename
y: \gettwofromcurrfilename
x: \getthreefromcurrfilename
w: \getfourfromcurrfilename

```

v: \getfivefromcurrfilename

u: \getsixfromcurrfilename

t: \getsevenfromcurrfilename

s: \geteightfromcurrfilename

r-q: \getninefromcurrfilename

Change History

Version 0.5 as of January 11th 2009: Initial version published

Version 1.0 published May 2017: Added various commands which extract necessary information also from included documents Modified code as suggested by egreg