

My own \LaTeX Beamer template

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Jabberwocky

Lewis Carroll

'Twas brillig, and the slithy toves
Did gyre and gimble in the wabe;
All mimsy were the borogoves,
And the mome raths outgrabe.

“Beware the Jabberwock, my son!
The jaws that bite, the claws that catch!
Beware the Jubjub bird, and shun
The frumious Bandersnatch!”



□ Nulla nec lacinia odio.
Curabitur urna tellus.

▣ Fusce id sodales dolor. Sed
id metus dui.

□ Cupio virtus licet mi vel
feugiat.

1 Donec porta, risus porttitor
egestas scelerisque video.

1 Nunc non ante fringilla,
manus potentis cario.

1 Pellentesque servus
morbi tristique.

Tutaj jakiś fajny tekst po polsku, żeby nie było, że nie da się pisać po polsku z polskimi znakami. The quick, brown fox jumps over a lazy dog. DJs flock by when MTV ax quiz prog. "Now fax quiz Jack!"

Text blocks

In plain, example, and **alert** flavour

This text is highlighted.

A plain block

This is a plain block containing some highlighted text.

An example block

This is an example block containing some highlighted text.

An alert block

This is an alert block containing some highlighted text.

Definitions, theorems, and proofs

All integers divide zero

Definition

$$\forall a, b \in \mathbb{Z} : a \mid b \iff \exists c \in \mathbb{Z} : a \cdot c = b$$

Theorem

$$\forall a \in \mathbb{Z} : a \mid 0$$

Proof.

$$\forall a \in \mathbb{Z} : a \cdot 0 = 0$$



Numerals and Mathematics

Formulae, equations, and expressions

1234567890 1234567890 $\hat{x}, \check{x}, \tilde{a}, \bar{a}, \dot{y}, \ddot{y}$ $\iint f(x,y,z) \, dx dy dz$

$$\frac{1}{1+\frac{1}{2+\frac{1}{3+x}}}+\frac{1}{1+\frac{1}{2+\frac{1}{3+x}}}$$

$$F:\left|\begin{array}{ccc}F''_{xx}&F''_{xy}&F'_x\\F''_{yx}&F''_{yy}&F'_y\\F'_x&F'_y&0\end{array}\right|=0$$

$$\iint\limits_{\mathbf{x}\in\mathbb{R}^2}\langle\mathbf{x},\mathbf{y}\rangle\,d\mathbf{x}$$

$$\overline{\overline{a\alpha^2+\underline{b\beta}+\overline{\overline{d\delta}}}}\quad]0,1[+\lceil x\rceil-\langle x,y\rangle$$

$$e^x\approx 1+x+x^2/2!+\\+x^3/3!+x^4/4!$$

$$\binom{n+1}{k}=\binom{n}{k}+\binom{n}{k-1}$$

| Faculty | With T _E X | Total | % |
|---|-----------------------|--------|-------|
| Faculty of Informatics | 1 716 | 2 904 | 59.09 |
| Faculty of Science | 786 | 5 275 | 14.90 |
| Faculty of Economics and Administration | 64 | 4 591 | 1.39 |
| Faculty of Arts | 69 | 10 000 | 0.69 |
| Faculty of Medicine | 8 | 2 014 | 0.40 |
| Faculty of Law | 15 | 4 824 | 0.31 |
| Faculty of Education | 19 | 8 219 | 0.23 |
| Faculty of Social Studies | 12 | 5 599 | 0.21 |
| Faculty of Sports Studies | 3 | 2 062 | 0.15 |

Table: The distribution of theses written using T_EX during 2010–15 at MU

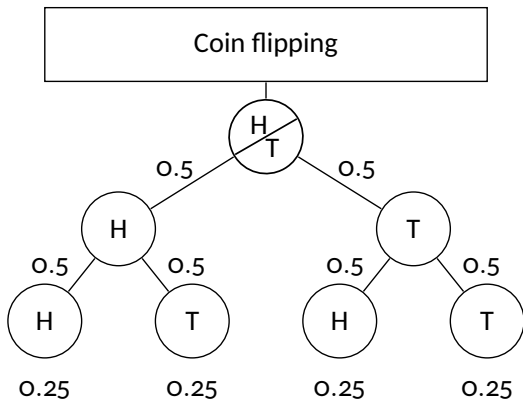


Figure: Tree of probabilities – Flipping a coin¹

¹A derivative of a diagram from texample.net by cis, CC BY 2.5 licensed

Code listings

An example source code in C

```
#include <stdio.h>
#include <unistd.h>
#include <sys/types.h>
#include <sys/wait.h>

// This is a comment
int main(int argc, char **argv)
{
    while (--c > 1 && !fork());
    sleep(c = atoi(v[c]));
    printf("%d\n", c);
    wait(0);
    return 0;
}
```

T_EX is a programming language for the typesetting of documents. It was created by Donald Erwin Knuth in the late 1970s and it is documented in *The T_EXbook* [1].

In the early 1980s, Leslie Lamport created the initial version of L^AT_EX, a high-level language on top of T_EX, which is documented in *L^AT_EX: A Document Preparation System* [2]. There exists a healthy ecosystem of packages that extend the base functionality of L^AT_EX; *The L^AT_EX Companion* [3] acts as a guide through the ecosystem.

In 2003, Till Tantau created the initial version of Beamer, a L^AT_EX package for the creation of presentations. Beamer is documented in the *User's Guide to the Beamer Class* [4].

- [1] Donald E. Knuth. *The \TeX book*. Addison-Wesley, 1984.
- [2] Leslie Lamport. *\LaTeX : A Document Preparation System*. Addison-Wesley, 1986.
- [3] M. Goossens, F. Mittelbach, and A. Samarin. *The \LaTeX Companion*. Addison-Wesley, 1994.
- [4] Till Tantau. *User's Guide to the Beamer Class Version 3.01*. Available at <http://latex-beamer.sourceforge.net>.
- [5] A. Mertz and W. Slough. Edited by B. Beeton and K. Berry. *Beamer by example* In TUGboat, Vol. 26, No. 1., pp. 68-73.