# Let's talk about Code

Sourcecode-centric presentations
made easy with wiki2beamer

wiki2beamer.sourceforge.net
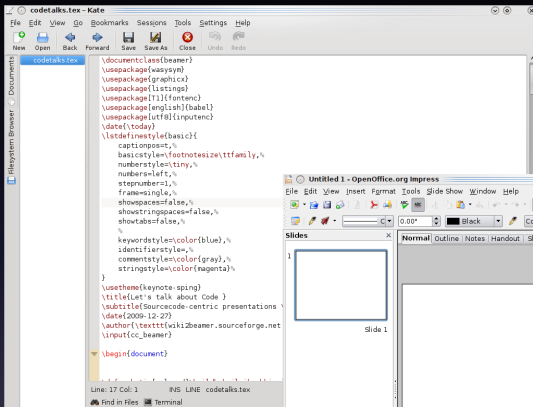
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# LᴬTEX vs. WYSIWYG
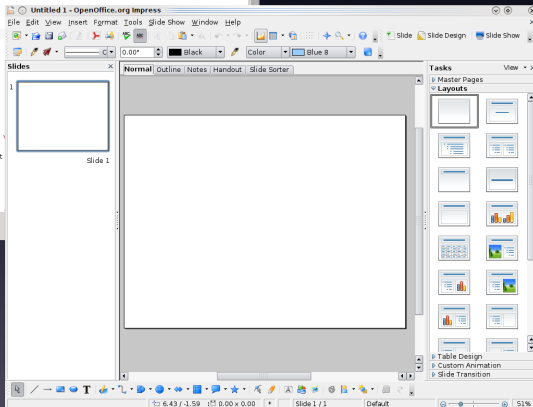
# Why not to use LaTeX?

Reason #1:

# Why not to use LaTeX?

Reason #1:

very verbose

# Why not to use LaTeX?

Reason #2:

# Why not to use LaTeX?

Reason #2:

very, very verbose

# Sample Slide

- a bullet
- another bullet
    1. a red numbered sub-item
    2. a bold **numbered sub-item**
- yet another bullet

# Verbosity

```
1  \begin{frame}
2    \frametitle{Sample Slide}
3    \begin{itemize}
4      \item a bullet
5      \item another bullet
6      \item \begin{enumerate}
7          \item a red \alert{numbered sub-item}
8          \item a bold \textbf{numbered sub-item}
9        \end{enumerate}
10     \item yet another bullet
11   \end{itemize}
12 \end{frame}
```

```
1  ==== Sample Slide ====
2
3  * a bullet
4  * another bullet
5  *# a red !numbered sub-item!
6  *# a bold '''numbered sub-item'''
7  * yet another bullet
```

# The same with wiki2beamer

```
1  ==== Sample Slide ====
2
3  * a bullet
4  * another bullet
5  *# a red !numbered sub-item!
6  *# a bold '''numbered sub-item'''
7  * yet another bullet
```

# wiki2beamer usage

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- it's a Python script

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```
~ $ wiki2beamer talk.txt > talk.tex
```

# wiki2beamer usage

- it's a Python script

```
~ $ wiki2beamer talk.txt > talk.tex
~ $ pdflatex talk.tex
```

# Falling back to $\LaTeX$

# Falling back to LaTeX

```
1
2  \YourFancyLatexCommand{}
3
4  * a bullet \here
5  * another bullet \orhere
6
7  \oranywhere[]{}
```

# Code-talks

```c
#include <stdio.h>

int main(int argc, char** argv) {


}
```

# Code-talks

```c
#include <stdio.h>

int main(int argc, char** argv) {
  printf("Hello World!\n");

}
```

# Code-talks

```c
#include <stdio.h>

int main(int argc, char** argv) {
  printf("Hello World!\n");
  return 0;
}
```

# Code-talks

```
1  <[code][style=basic,language=c]
2
3  #include <stdio.h>
4  int main(int argc, char** argv) {
5    [<2-3>printf("Hello World!\n");]
6    [<3>return 0;]
7  }
8
9  [code]>
```

# Code-talks

```
1  <[code][style=basic,language=c]
2
3  #include <stdio.h>
4  int main(int argc, char** argv) {
5    [<2-3>printf("Hello World!\n");]
6    [<3>return 0;]
7  }
8
9  [code]>
```

expands to ~40 lines of fiddly LATEX code

# What needs to be done

- make it a compiler (it's a hackish preprocessor, now)
  - formal grammar/parser (anyone?)
- packaging for distros
  - done: Gentoo, Arch
  - poorly done: Debian, Ubuntu
  - help needed: Fedora, Suse, . . . (Windows?!)
- documentation ;)

# Contact

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