

clicks: L^AT_EX Package for Slide Deck Animation*

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1 Introduction

This package helps simulate animation in PDF documents. You put some content on the page, then you “click” and the pages ends, while the content gets copied to the next page. There, you add new content. In the full-screen presentation mode this will look like animation, similar to what you can get with MS PowerPoint:

```
\documentclass{article}
\usepackage{clicks}
\begin{document}
\print{Here is your wedding plan:}\click
\print{1. Buy a ring}\click
\print{2. Propose}\click
\print{3. Get married}\flush
\end{document}
```

You can make it shorter, with the help of `\plick` and `\plush` commands:

```
\documentclass{article}
\usepackage{clicks}
\begin{document}
\plick[2]{Here is your wedding plan:}
\plick[3]{1. Buy a ring}
\plick[5]{2. Propose}
\plush[1]{3. Get married}
\end{document}
```

The optional parameters at `\plick` and `\plush` are the minutes: how long you are planning to stay at this animation. The minutes are accumulated in the `minutes` counter, which you can show, for example, at your header. This will help you track time during the presentation. The commands `\click` and `\flush` also have the same optional arguments.

2 Package Options

`static` If you need to render the document without animation, just use the `static` package option.

*The sources are in GitHub at [yegor256/clicks](https://github.com/yegor256/clicks)

3 Implementation

First, we parse package options:

```
1 \RequirePackage{pgfopts}
2 \pgfkeys{
3   /clicks/.cd,
4   static/.store in=\clicks@static,
5 }
6 \ProcessPgfPackageOptions{/clicks}
```

Then, we define a few supplementary commands:

```
7 \makeatletter
8 \newcommand*\clicks@body{}
9 \newcommand\clicks@flush{%
10  \clicks@body\vspace*{0pt}\newpage%
11 }
12 \makeatother
```

Then, we declare a counter of minutes:

```
13 \newcounter{minutes}
```

`\print` Then, we define `\print` command:

```
14 \RequirePackage{etoolbox}
15 \makeatletter
16 \newcommand\print [1]{%
17   \def\param{#1}%
18   \ifx\param\empty\else%
19     \gappto\clicks@body{{#1\par}}%
20   \fi%
21 }
22 \makeatother
```

`\flush` Then, we define `\flush` command:

```
23 \makeatletter
24 \newcommand\flush [1] [1]{%
25   \ifx\clicks@body\empty\else%
26     \clicks@flush%
27     \renewcommand*\clicks@body{}%
28   \fi%
29   \ifdefined\clicks@static\else%
30     \addtocounter{minutes}{#1}%
31   \fi%
32 }
33 \makeatother
```

`\click` Then, we define `\click` command:

```
34 \makeatletter
35 \newcommand\click [1] [0]{%
36   \ifdefined\clicks@static\else%
37     \addtocounter{minutes}{#1}%
38   \fi%
39   \ifdefined\clicks@static\else%
40     \clicks@flush%
41   \fi%
```

```
42 }  
43 \makeatother
```

`\plush` Then, we define `\plush` command:

```
44 \newcommand\plush[2][1]{%  
45   \print{#2}%  
46   \flush{#1}%  
47 }
```

`\plick` Then, we define `\plick` command:

```
48 \newcommand\plick[2][1]{%  
49   \print{#2}%  
50   \click{#1}%  
51 }
```

Change History

v0.1.0

General: Initial version 2

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