clicks: \LaTeX\ 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 \texttt{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

\texttt{static} If you need to render the document without animation, just use the \texttt{static} package
option.

*The sources are in GitHub at \url{yegor256/clicks}
3 Implementation

First, we include a few packages:
1 \RequirePackage{xkeyval}
2 \RequirePackage{etoolbox}

Then, we parse package options:
3 \makeatletter
4 \newif\ifclicks@static
5 \DeclareOption{static}{\clicks@statictrue}
6 \makeatother
7 \ProcessOptions\relax

Then, we define a few supplementary commands:
8 \makeatletter
9 \newcommand*{\clicks@body}{
10 \space
11 \newpage
12 \makeatother

Then, we declare a counter of minutes:
13 \newcounter{minutes}

\print Then, we define \print command:
14 \makeatletter
15 \newcommand{\print}{\gappto\clicks@body{{#1\par}}}
16 \makeatother

\flush Then, we define \flush command:
17 \makeatletter
18 \newcommand{\flush}{\ifx\clicks@body\empty\else
19 \space
20 \renewcommand*{\clicks@body}{
21 \fi
22 \if\clicks@static\else
23 \addtocounter{minutes}{#1}\fi
24 \fi
25 \makeatother

\click Then, we define \click command:
26 \makeatletter
27 \newcommand{\click}{\if\clicks@static\else
28 \addtocounter{minutes}{#1}\fi
29 \clicks@flush
30 \fi
31 \makeatother

\plush Then, we define \plush command:
32 \newcommand*{\plush}[2]{\print{#2}\flush[#1]}
33 \makeatletter
34 \makeatother

}
\plick Then, we define \plick command:

\begin{verbatim}
\newcommand\plick[2][1]{%
  \print{#2}%
  click[#1]%
}\end{verbatim}
Change History

v0.1.0
General: Initial version . . . . . . . . 2
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Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

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