BeamerLecture

Don Eisenstein
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BeamerLecture

▶ Builds some simple macros on to the \LaTeX-Beamer Class: http://sourceforge.net/projects/latex-beamer/

▶ With one source file you can create 4 outputs

  Lecture: What you lecture from with full animation, etc.
  Class2up: A pre-lecture class handout with some material hidden
  Post2up: A post-lecture class handout with all material revealed but animation suppressed
  Notes: A portrait page version that puts your lecture slide on top, and your secret notes on the bottom.
The \hush environment hides material from the Class handout.

OK Class, the answer to today’s assignment was:

\[ 4 \]

Here is how to find the answer:

- First, \( 1+1 = 2 \)
- Then, and this is the tricky part: \( 2+2=4 \)

Using \hushframe will hide the entire frame from the Class handout.
Other goodies

▶ Using \texttt{alrt} environment puts text in Beamer’s alert mode: red by default.
  
  ▶ Example:
  
  \texttt{\textcolor{red}{produce this in red}} will yield \textcolor{red}{produce this in red}

▶ Using \texttt{struc} environment puts text in Beamer’s structure mode: blue by default

▶ Using \texttt{alrtl}, \texttt{alrtL}, \texttt{strucL}, \texttt{strucL} provides larger fonts

▶ Prepend \texttt{hush} to any of the above to hide from the Class handout: \texttt{hushalrt}, \texttt{hushalrtl}, \texttt{hushalrtL}, \texttt{hushstruc}, \texttt{hushstrucl}, \texttt{hushstrucL}.

Notes

\LaTeX-Beamer provides a great note environment. My macros utilize it in the following way:

To add a note to yourself, in the Note version, add the note \texttt{within} the frame environment, at the end of the frame:

\begin{verbatim}
\frame{\frametitle{Hi Class}
  Welcome, I am your Professor.
  \note{And you are the students!}}
\end{verbatim}

Using \texttt{\note{}} \texttt{, with the space}, will keep the frame in the Note version without a note

Omiting \texttt{\note{}} \texttt{, or the space}, will remove the frame from the Note version
Environments

BeamerLecture also provides macros that make some command listing environments easy to access and use.

Some examples follow:

Default itemize list

- First item.
- Second item.
  - In a Level
  - In a Level OK
    - In deep
    - In deep again
- First item.
- Second item.
- Third item.
- Fourth item.
ishowalert list

- First item.
- Second item.
  - In a Level
  - In a Level OK
    - In deep
    - In deep again
- First item.
- Second item.
- Third item.
- Fourth item.

itemize list

- First item.
- Second item.
  - In a Level
  - In a Level OK
    - In deep
    - In deep again
- First item.
- Second item.
- Third item.
- Fourth item.
ialert list

- First item.
- Second item.
  - In a Level
  - In a Level OK
    - In deep
    - In deep again
- First item.
- Second item.
- Third item.
- Fourth item.

itransalert list

- First item.
- Second item.
  - In a Level
  - In a Level OK
    - In deep
    - In deep again
- Third item.
- Fourth item.
First: First things first.

The Longest Label: But not to be forgotten.

First: First things first.

Second: Second things second.