

BeamerLecture

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- ▶ 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.

Now, don't forget to stand up straight

hush environment

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: $2+2=4$

The answer of 4 is revealed now to the class. Remember, some students will get a 3 because they did not understand to add one more for good measure.

hushframe

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

Other goodies

- ▶ Using `\alrt` environment puts text in Beamer's alert mode: **red** by default.
 - ▶ Example:
 - ▶ `\alrt{produce this in red}` will yield **produce this in red**
- ▶ Using `\struc` environment puts text in Beamer's structure mode: **blue** by default
- ▶ Using `\alrtl`, `\alrtL`, `\strucl`, `\strucL` provides larger fonts
- ▶ Prepend `\hush` to any of the above to hide from the Class handout: `\hushalrt`, `\hushalrtl`, `\hushalrtL`, `\hushstruc`, `\hushstrucl`, `\hushstrucL`.

Notes

L^AT_EX-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 **within** the frame environment, at the end of the frame:

```
\frame{\frametitle{Hi Class}
  Welcome, I am your Professor.
\note{And you are the students!}
}%ENDFRAME
```

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

Omitting `\note{}`, **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.

description list

First: First things first.

The Longest Label: But not to be forgotten.

idescription list

First: First things first.

Second: Second things second.