

## goal & bug

The following slides contain 5 items, 3 of them inside an “itemize”. The  $\text{\LaTeX}$  content of each slide is

```
item 0
\begin{itemize}
\item item 1
\item item 2
\item item 3
\end{itemize}
item 4
```

plus some Beamer-specific pause-like commands.

I would like that the items would uncover from 0 to 4, in 5 nice steps, and with correct transparency. And I would like to use the `\begin{itemize}[<+>]` method for this (plus extra `\pauses`, if needed). Unfortunately, I can't seem to get it right.

# Without extra pauses

What's wrong: the items 0, 1 and 4 are shown together.

item 0

- item 1
- item 2
- item 3

item 4

# Without extra pauses

What's wrong: the items 0, 1 and 4 are shown together.

item 0

- item 1
- item 2
- item 3

item 4

# Without extra pauses

What's wrong: the items 0, 1 and 4 are shown together.

item 0

- item 1
- item 2
- item 3

item 4

# With extra beginning pause

What's wrong: the item 4 is less faint than items 1 2 3, and it uncovers together with item 1.

item 0

- item 1
- item 2
- item 3

item 4

# With extra beginning pause

What's wrong: the item 4 is less faint than items 1 2 3, and it uncovers together with item 1.

item 0

- item 1
- item 2
- item 3

item 4

# With extra beginning pause

What's wrong: the item 4 is less faint than items 1 2 3, and it uncovers together with item 1.

item 0

- item 1
- item 2
- item 3

item 4

# With extra beginning pause

What's wrong: the item 4 is less faint than items 1 2 3, and it uncovers together with item 1.

item 0

- item 1
- item 2
- item 3

item 4



## With extra ending pause

What's wrong: the items 0 and 1 are shown together; you have to go ahead two frames to move from item 3 to item 4.

item 0

- item 1
- item 2
- item 3

item 4

## With extra ending pause

What's wrong: the items 0 and 1 are shown together; you have to go ahead two frames to move from item 3 to item 4.

item 0

- item 1
- item 2
- item 3

item 4

## With extra ending pause

What's wrong: the items 0 and 1 are shown together; you have to go ahead two frames to move from item 3 to item 4.

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- item 2
- item 3

item 4

## With extra ending pause

What's wrong: the items 0 and 1 are shown together; you have to go ahead two frames to move from item 3 to item 4.

item 0

- item 1
- item 2
- item 3

item 4

## With extra ending pause

What's wrong: the items 0 and 1 are shown together; you have to go ahead two frames to move from item 3 to item 4.

item 0

- item 1
- item 2
- item 3

item 4

# With extra beginning and ending pause

What's wrong: at first, the item 4 is less faint than items 1 2 3; moreover item 4 again needs an extra page change to uncover.

item 0

- item 1
- item 2
- item 3

item 4

# With extra beginning and ending pause

What's wrong: at first, the item 4 is less faint than items 1 2 3; moreover item 4 again needs an extra page change to uncover.

item 0

- item 1
- item 2
- item 3

item 4

# With extra beginning and ending pause

What's wrong: at first, the item 4 is less faint than items 1 2 3; moreover item 4 again needs an extra page change to uncover.

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- item 1
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What's wrong: at first, the item 4 is less faint than items 1 2 3; moreover item 4 again needs an extra page change to uncover.

item 0

- item 1
- item 2
- item 3

item 4

# With extra beginning and ending pause

What's wrong: at first, the item 4 is less faint than items 1 2 3; moreover item 4 again needs an extra page change to uncover.

item 0

- item 1
- item 2
- item 3

item 4

# Workaround

This  $\text{\LaTeX}$  works fine, but it does not use `\begin{itemize} [ <+> ]`

```
item 0  
\pause  
\begin{itemize}  
\item item 1 \pause  
\item item 2 \pause  
\item item 3  
\end{itemize}  
\pause  
item 4
```

And it produces:

item 0

- item 1
- item 2
- item 3

item 4

And it produces:

item 0

- item 1
- item 2
- item 3

item 4

And it produces:

item 0

- item 1
- item 2
- item 3

item 4

And it produces:

item 0

- item 1
- item 2
- item 3

item 4



And it produces:

item 0

- item 1
- item 2
- item 3

item 4

# Conclusions

`\begin{itemize} [ <+> ]` seems to currently suffer a minor bug, so that, for perfect uncovering of items, `[ <+> ]` has to be suppressed and replaced by explicit pauses.