

The beamer-rl class

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Repository: <https://github.com/seloumi/beamer-rl>
Bug tracker: <https://github.com/seloumi/beamer-rl/issues>

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Creating beamer presentation for right to left language (like arabic) using pdf \TeX or X \TeX still poses many problems due to bugs not currently resolved especially for colors and hyperlinks

The Lua \TeX team set solutions for these issues thanks to them and to *Javier Bezos* for his works on the package `babel` and `bidi` writing

This class provides patches of some beamer templates and commands for right to left presentation, this package call `babel` with `bidi=basic-r` option and require `lualatex` engine

```
\documentclass{beamer-rl}  
\babelprovide[import=ar-DZ, main]{arabic}  
\babelfont{sf}{Amiri}  
  
\mode<presentation>{\usetheme{Warsaw}}  
\begin{document}  
...  
\end{document}
```

```
\setbeamertemplate{blocks}[default]
```

Lorem

On 21 April 1820, during a lecture, Ørsted noticed a compass needle deflected from magnetic north when an electric current from a battery was switched on and off.

```
\setbeamertemplate{blocks}[rounded] [shadow=true]
```

Lorem

On 21 April 1820, during a lecture, Ørsted noticed a compass needle deflected from magnetic north when an electric current from a battery was switched on and off.

first item ❶

second item ❷

third item ❸

```
\setbeamertemplate{itemize item}[triangle]
```

first item ◀

second item ◀

third item ◀

- ▶ first item
- ▶ second item
- ▶ third item

.First item ●

.Second item ●

.Third item ●

[return to second slide ◀](#)

.First item ●

.Second item ●

.Third item ●

[return to second slide ◀](#)

- .First item ●
- .Second item ●
- .Third item ●

[return to second slide ◀](#)

.The proof uses *reductio ad absurdum*

Theorem

.There is no largest prime number

Proof

.Suppose p were the largest prime number ❶

.Let q be the product of the first p numbers ❷

.Then $q + 1$ is not divisible by any of them ❸

*But $q + 1$ is greater than 1, thus divisible by some prime number not in the
first p numbers* ❹

.The proof uses *reductio ad absurdum*

Theorem

.There is no largest prime number

Proof

.Suppose p were the largest prime number ①

.Let q be the product of the first p numbers ②

.Then $q + 1$ is not divisible by any of them ③

*But $q + 1$ is greater than 1, thus divisible by some prime number not in the
first p numbers* ④

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Theorem

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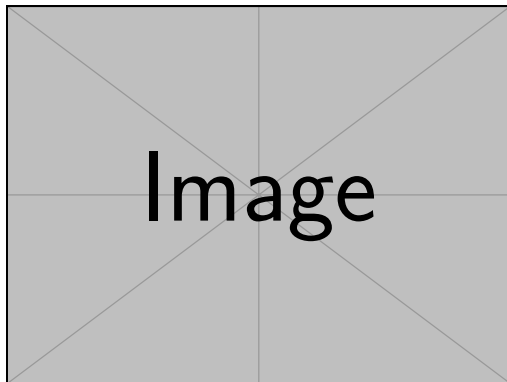
Proof

.Suppose p were the largest prime number ①

.Let q be the product of the first p numbers ②

.Then $q + 1$ is not divisible by any of them ③

*But $q + 1$ is greater than 1, thus divisible by some prime number not in the
first p numbers* ④



```
\framezoom<1><2>[border=2](2cm,2cm)(2cm,2cm)  
\pgfimage[height=5cm]{example-image}
```

mage

All options provided by beamer can be added with beamer-rl •
 Additional options can also be passed to package babel with beamer-rl
 like this

```
\documentclass[babel={<babel options>}]{beamer-rl}
```

The beamer-rl class swap the definition of \blacktriangleright •
 with \blacktriangleleft in RTL context

	\blacktriangleright	\blacktriangleleft
LTR context	▶	◀
RTL context	◀	▶

In some cases you need to use \babelsublr command from babel •
 package to insert a left to right text within your right to left text, e.g if
 you need to insert a pspicture drawing in RTL context