

# The beamer-rl package

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

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

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# Introduction

Creating beamer presentation for right to left language (like arabic) using pdf $\text{\LaTeX}$  or X $\text{\LaTeX}$  still poses many problems due to bugs not currently resolved especially for colors and hyperlinks  
The Lua $\text{\LaTeX}$  team set solutions for these issues thanks to them and to *Javier Bezos* for his works on the package `babel` and `bidir` writing

## How to use beamer-rl

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

# Blocks

## 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.

## أورستد

لاحظ هانز أورستد في 21 أبريل 1820 وهو يُعد أحد التجارب أن إبرة البوصلة تنحرف عن اتجاهها نحو الشمال عندما كان يغلق ويفتح التيار في دائرة كهربائية يُعدها.

# enumerate, itemize

① فيزياء تطبيقية

② فيزياء تجريبية

③ فيزياء نظرية

• فيزياء تطبيقية

• فيزياء تجريبية

• فيزياء نظرية

# hyperlinks

•First item ●

•Second item ●

•Third item ●

◀ الرجوع إلى الشريحة الثانية

# hyperlinks

.First item ●

.Second item ●

.Third item ●

◀ الرجوع إلى الشريحة الثانية



# hyperlinks

- First item •
- Second item •
- Third item •

◀ الرجوع إلى الشريحة الثانية

# Theorems

.The proof uses *reductio ad absurdum*

نظرية.

.There is no largest prime number

برهان.

.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 ❹



.not in the first  $p$  numbers

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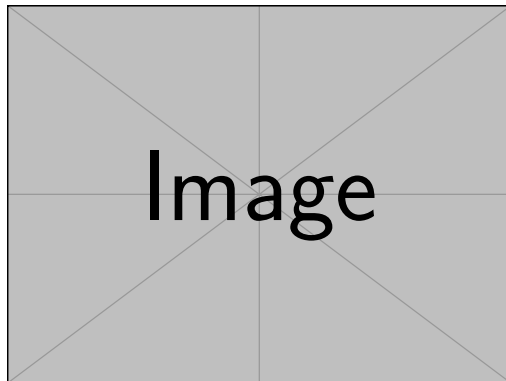
But  $q + 1$  is greater than 1, thus divisible by some prime number ④



.not in the first  $p$  numbers

# zooming

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



# Image