

Flux beamer template

Modern theme v0.1

Lina Alasfar

Max-Planck-Institute for Nuclear Physics, Heidelberg
LHCb Collabouration

November 4, 2018

Table of contents

1 Presentation

- introduction
- fonts
- footnotes

2 Collections

- lists
- tables
- blocs

3 Next section

- subsection 1
- subsection 2
- subsection 3

4 One more section

- subsection 1
- subsection 2
- subsection 3

Flux is a modern style beamer presentation. It is provided as a work in progress version and may suffer from inconsistencies. Sources and complementary information are available at

github.com/pvanberg/flux-beamer

Flux provides five different color palettes.

```
\usetheme[style=asphalt]{flux}
```

Asphalt



Blue



Green



Red



Gray



Flux recommends the use of Roboto or Overpass font and a font size of 9pt.

```
\documentclass[9pt]{beamer}  
\usepackage[sfdefault]{roboto}
```

Flux also implements default typographies.

- Regular
- Alert
- Example
- *Italic*
- **Bold**

Flux also includes custom footnote integration. For instance, this **element**¹ and this **element**² provide a footnote.

¹Footnotes are notes placed at the bottom of a page. They cite references or comment on a designated part of the text above it. For example, say you want to add an interesting comment to a sentence you have written, but the comment is not directly related to the argument of your paragraph.

²Footnotes are not just for interesting comments, however. Sometimes they simply refer to relevant sources – they let your reader know where certain material came from, or where they can look for other sources on the subject.

Items

- Cats
- Dogs
- Birds

Enumerations

1. First
2. Second
3. Last

Descriptions

Apples Yes
Oranges No
Grappes No

Note the following demo slides are directly taken from metropolis theme. Copyright 2014 Matthias Vogelgesang.
Give a look at <https://github.com/matze/mtheme/tree/master/demo>

Table: Largest cities in the world (source: Wikipedia)

City	Population
Mexico City	20,116,842
Shanghai	19,210,000
Peking	15,796,450
Istanbul	14,160,467

City	Population
Mexico City	20,116,842
Shanghai	19,210,000
Peking	15,796,450
Istanbul	14,160,467

Flux theme comes with three pre-defined block style collections.
Native style (default) available as `\setblockstyle{native}`

Default

Block content.

Alert

Block content.

Example

Block content.

Flux theme comes with three pre-defined block style collections.
NoBackground style available as `\setblockstyle{nobackground}`

Default

Block content.

Alert

Block content.

Example

Block content.

Flux theme comes with three pre-defined block style collections.
Metropolis style available as `\setblockstyle{metropolis}`

Default

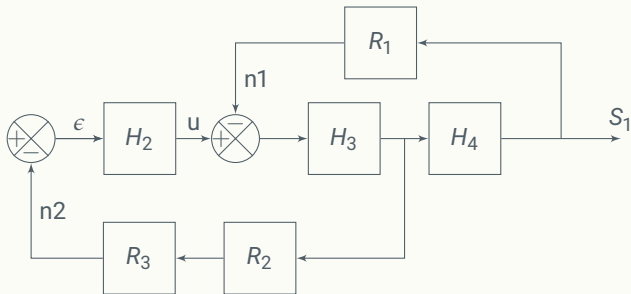
Block content.

Alert

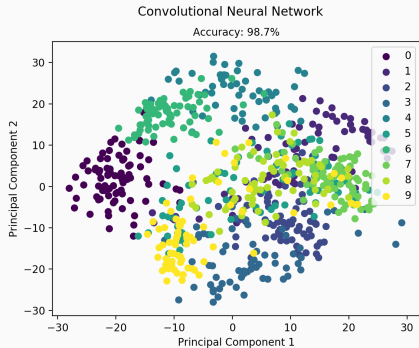
Block content.

Example

Block content.



Bloc diagram example from **texample.net**



Binary Softmax classifier

$$\sigma(\sum_i w_i x_i + b)$$

Loss function

$$L_i = -\log\left(\frac{e^{f_{yi}}}{\sum_j e^{f_{ji}}}\right)$$

cross entropy

This is a plain frame.
Use it to display full page images.

- [1] P. Adams.
The title of the work.
The name of the journal, 4(2):201–213, 7 1993.
An optional note.
- [2] P. Babington.
The title of the work, volume 4 of 10.
The name of the publisher, The address, 3 edition, 7 1993.
An optional note.
- [3] P. Eston.
The title of the work, volume 4 of 5, chapter 8, pages 201–213.
The name of the publisher, The address of the publisher, 3 edition, 7 1993.
An optional note.

Flux is licensed under GNU General Public License v3.

<http://www.gnu.org/licenses>

Inspired by **Metropolis** theme from Matthias Vogelgesang.

<https://github.com/matze/mtheme>