

# Flux beamer template

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樊友平

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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](https://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<sup>1</sup> and this element<sup>2</sup> provide a footnote.

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<sup>1</sup>Footnotes 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.

<sup>2</sup>Footnotes 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

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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>

表: 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

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Mexico City	20,116,842
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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

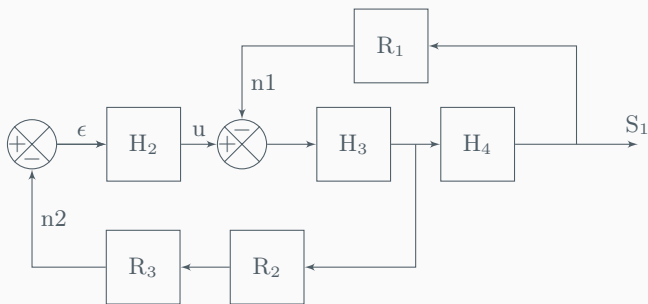
Block content.

Alert

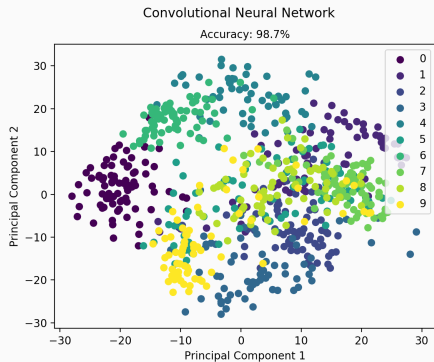
Block content.

Example

Block content.



Bloc diagram example from texample.net



Binary Softmax classifier

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

Loss function

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

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.

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Inspired by Metropolis theme from Matthias Vogelgesang.

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