

# Copenhagen Django School

## Lecture 1

February 16, 2015 (school@djangocph.dk)

# Welcome

- ▶ Hi
- ▶ Purpose of the course

# What is django

- ▶ For creating web application
- ▶ Authentication, forms, dynamic content, routing
- ▶ Secure
- ▶ Scaleable
- ▶ Extendable
- ▶ Version 1.7

# Tools

- ▶ Editor
- ▶ Terminal
- ▶ Django (manage.py)
- ▶ Runserver
- ▶ Errors in browser and terminal

# Installation

- ▶ Python
- ▶ Django
- ▶ Make a project and apps
- ▶ Settings
- ▶ 3rd party plugins

# Today's application

- ▶ Wall
- ▶ Walk through code

# Models

- ▶ Fields, types
- ▶ Migrations

# Admin

- ▶ Users
- ▶ Add model
- ▶ Add content



# Templates

- ▶ HTML (base)
- ▶ HTML with Django
- ▶ CSS
- ▶ Return base html
- ▶ Inheritance (extend other templates)
- ▶ Links (template tag)

# Views

- ▶ Functional
- ▶ Input output (regular expressions)

# Urls

- ▶ Base symbols ( $\wedge$ , \$, P)
- ▶ Regular expressions

# Forms

- ▶ Input
- ▶ Validation
- ▶ Store data
- ▶ Redirect

# Exercises

- ▶ Installation
- ▶ Extend app with Comments feature

# Resources

- ▶ <https://docs.djangoproject.com/en/1.7/>
- ▶ <http://tutorial.djangogirls.org/en/index.html>
- ▶ <http://google.com>
- ▶ [school@djangocph.dk](mailto:school@djangocph.dk)