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# **Introducing KeyJnote**

# KeyJnote in a nutshell

- it's a presentation program
- displays PDF or image files in a nice manner
- written in Python, uses OpenGL
- some unique features
  - some are just eye candy
  - others are very useful for presentations
- free software! (GPL)

# History

- first approach: a monster ...
  - scene graphs with user-defined transformations for each object
  - transparency effects everywhere
  - presentations are Python scripts
- second try: KeyJnote LE (Light Edition)
  - this is what now has become the »official« KeyJnote

# A typical workflow

- create a presentation with any tool you want
  - OpenOffice.org Impress?
  - Microsoft PowerPoint?
  - LaTeX?
  - a graphics or DTP program?
- export it to a PDF file
- load the PDF file into KeyJnote

# Basic usage

- cycle through pages
  - mouse: left and right button
  - keyboard: PageUp/PageDown, space
- on page change, smooth alpha-blended transitions will be rendered
- to quit: press Q or Esc

# Page overview

- situation:
  - somebody asks you a question
  - you have to go back to a specific page
- solution:
  - press the Tab key
  - current page smoothly zooms out and reveals a thumbnail grid
  - choose a page with the mouse and zoom back in

# Highlight boxes

- situation:
  - focus the audience on a specific part of the page
- solution:
  - drag a rectangle onto the screen with the middle mouse button
  - page will be dark and blurry
  - only selected box remains bright and clear
- support for multiple boxes and saving boxes

# Spotlight

- situation:
  - focus the audience ... again
- solution:
  - press the Enter key
  - screen gets dark and blurry, like with the boxes
  - mouse cursor will be surrounded by a circular “spotlight”



# Requirements

- required software:
  - Python 2.3 or 2.4
  - PyGame (Python SDL port)
  - Python-OpenGL
  - Python Imaging Library (PIL)
  - GhostScript (for rendering PDF files)
- required hardware:
  - hardware OpenGL acceleration

# Install and run

- Windows:
  - unpack the ZIP archive
  - drag a PDF file and drop it onto keyjnote.exe
- other OS:
  - installation procedure depends on OS and distribution
  - `/usr/local/bin/keyjnote.py /some/file.pdf`

# Customization

- command-line parameters
  - affect screen resolution, fullscreen mode, timing
- document-specific info script
  - a (typically very simple) Python script
  - can access and modify KeyJnote internals, e.g. define new transitions
- KeyJnote is a Python script ...
  - you have the source, modify it!