Demo of PDF Generation

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Оглавление

SPHINX-PDF-WITH-MUDKIP

Sandbox repo to create a PDF with Sphinx (not that easy!)

1.1 Repo goals

1. Manage Sphinx project with mudkip

   - no conf.py, use `[mudkip.override]1 instead
   - make latex with mudkit build --preset latex --output-dir docs/_latex

2. Create a PDF in Github Codespaces

   - create a bash script to install latex and other dependencies using apt-get
   - make script to invoke PDF build

Non-goal:

- Automate PDF creation (e.g. in Github Actions)
- Switch to MyST index.md
- Configure VS Code for TOML viewing, etc

1.2 Failure points (Точки отказа)

- Очень проблемная буква: ё, Ё
- latex не понимает как показать .mp4

Глоссарий

2to3

A tool that tries to convert Python 2.x code to Python 3.x code by handling most of the incompatibilities which can be detected by parsing the source and traversing the parse tree.

2to3 is available in the standard library as lib2to3; a standalone entry point is provided as Tools/scripts/2to3. See 2to3 — Automated Python 2 to 3 code translation.

abstract base class

Abstract base classes complement duck-typing by providing a way to define interfaces when other techniques like hasattr() would be clumsy or subtly wrong (for example with magic methods). ABCs introduce virtual subclasses, which are classes that don't inherit from a class but are still recognized by isinstance() and issubclass(); see the abc module documentation. Python comes with many built-in ABCs for data structures (in the collections.abc module), numbers (in the numbers module), streams (in the io module), import finders and loaders (in the importlib.abc module). You can create your own ABCs with the abc module.