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mdwatermark

Small utility to convert Markdown files in doc/ to PDFs and apply a centered watermark.

Project layout

- doc/fse.md — source Markdown files.
- generated-pdfs/fse.pdf — output PDFs.
- requirements.txt — Python dependencies.
- scripts/generate_pdfs.py — orchestrates conversion and watermarking. See `convert_md_to_pdf` and `main`.
- scripts/watermark.py — creates and merges a centered watermark. See `add_watermark_to_pdf`.
- scripts/detect_changed_files.py — selects which .md files to process. See `get_changed_files` and `get_all_files`.
- scripts/**init**.py — package marker.
- .github/workflows/pdf-generator.yml — CI workflow that runs the generator on push or manual dispatch.

Features

- Convert Markdown -> PDF using Pandoc/XeLaTeX (`scripts/generate_pdfs.py`).
- Add a single centered semi-transparent watermark (`scripts/watermark.py`).
- GitHub Actions integration to auto-generate and commit PDFs (.github/workflows/pdf-generator.yml).

Requirements

- System:
 - pandoc
 - TeX engine with xelatex (e.g., texlive-xetex)
- Python 3.8+
- Python packages: see requirements.txt
 - PyPDF2
 - reportlab
 - Pillow
 - charset-normalizer

Local usage

1. Install system deps (example for Ubuntu):

```
sudo apt-get update
sudo apt-get install -y pandoc texlive-xetex texlive-fonts-recommended
```