L&K Localizer - Live Editor

App Summary

What It Is

A Streamlit-based video localization editor that overlays tour-specific text onto promo videos and renders final assets in batch.

Who It's For

Video producers or localization editors at Loch & Key Productions preparing city-specific tour promo videos.

What It Does

- Upload a ZIP of source videos, a tour CSV, and an optional TTF font.
- Live preview with frame scrubbing and layer selection (intro, middle, outro).
- Design controls for motion style, text color, stroke, shadow, and offsets.
- Auto-scale text to fit the video frame width.
- Render text overlays and composite them onto videos.
- Batch render all rows and download a final ZIP of outputs.

How It Works

- UI: Streamlit page with sidebar controls, preview panel, and batch render actions.
- Data flow: CSV parsed with pandas; video ZIP extracted to a temp directory; selected frame cached for preview.
- Rendering: PIL draws text to RGBA images; MoviePy composes ImageClips over VideoFileClip; ffprobe/ffmpeg handle duration and output; results zipped for download.

How To Run

- Install Python deps: 'pip install -r requirements.txt'.
- Install system deps: 'ffmpeg' and 'imagemagick' (from 'packages.txt').
- Start the app: 'streamlit run app.py'.
- Python version: Not found in repo.
- Environment variables: Not found in repo.