PDF Translation System

Technical Specification Document

[System Overview / ??????]

This document describes the PDF translation system that preserves layout while translating documents between Japanese and English.

???????PDF???????????????????
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Key Features / ????:
? Layout preservation / ???????
? Technical term extraction / ??????
? Context-aware translation / ???????
? Multi-page support (max 50 pages) / ??????????50????

Supported Technologies / ????:
- PyMuPDF: PDF processing / PDF??
- PaddleOCR: Optical character recognition / ??????
- Ollama/OpenAI: Translation engine / ??????
- spaCy: NLP processing / ??????