Rapid Document Conversion

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Abstract: *In today's digital environment, the need to convert documents between various formats quickly and accurately is essential across many sectors, including education, business, and government. This paper introduces a Rapid Document Conversion System designed to efficiently handle four common and essential conversions: Image to Text (OCR), Image to PDF, PDF to DOCX, and JPEG to PNG. The system leverages open-source technologies such as Tesseract OCR, Pillow, pdf2docx, and img2pdf, integrated through a Python-based backend framework. A simple and intuitive web interface enables users to upload files and receive converted outputs with minimal effort. Emphasis is placed on speed, accuracy, and scalability without relying on paid APIs or cloud services. The proposed system offers a cost-effective, user-friendly, and extendable solution suitable for academic, personal, and organizational use*

Keywords: Document Conversion, File Format Conversion, Digital Document Management, Automation in Document Processing

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355

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