Python executable build process

Cross platform supported

1. extract_images

Windows:
pyinstaller --onefile --name extract_images --hidden-import=fitz --hidden-import=PyMuPDF --hidden-import=PIL --hidden-import=PIL.Image --hidden-import=PIL.ImageDraw --hidden-import=PIL.ImageFont --collect-all fitz --collect-all PyMuPDF --collect-all PIL extract_images.py

Linux:

pyinstaller --onefile --name extract_images --hidden-import=fitz --hidden-import=PyMuPDF --hidden-import=PIL --hidden-import=PIL.Image --hidden-import=PIL.ImageDraw --hidden-import=PIL.ImageFont --collect-all fitz --collect-all PyMuPDF --collect-all PIL extract_images.py

chmod +x dist/extract_images

macOS:

pyinstaller --onefile --name extract_images --hidden-import=fitz --hidden-import=PyMuPDF --hidden-import=PIL --hidden-import=PIL.Image --hidden-import=PIL.ImageDraw --hidden-import=PIL.ImageFont --collect-all fitz --collect-all PyMuPDF --collect-all PIL extract_images.py

chmod +x dist/extract_images

2. add_watermark

Windows:

pyinstaller --onefile --name add_watermark --hidden-import=fitz --hidden-import=PyMuPDF --hidden-import=PIL --hidden-import=PIL.Image --hidden-import=PIL.ImageDraw --hidden-import=PIL.ImageFont --collect-all fitz --collect-all PyMuPDF --collect-all PIL add_watermark.py

Linux:

pyinstaller --onefile --name add_watermark --hidden-import=fitz --hidden-import=PyMuPDF --hidden-import=PIL --hidden-import=PIL.Image --hidden-import=PIL.ImageDraw --hidden-import=PIL.ImageFont --collect-all fitz --collect-all PyMuPDF --collect-all PIL add_watermark.py

chmod +x dist/add_watermark

macOS:
pyinstaller --onefile --name add_watermark --hidden-import=fitz --hidden-import=PyMuPDF --hidden-import=PIL --hidden-import=PIL.Image --hidden-import=PIL.ImageDraw --hidden-import=PIL.ImageFont --collect-all fitz --collect-all PyMuPDF --collect-all PIL add_watermark.py

chmod +x dist/add_watermark

3. compress_pdf

Windows:
pyinstaller --onefile --name compress_pdf --hidden-import=pikepdf --hidden-import=PIL --hidden-import=lxml.etree --collect-all pikepdf compress_pdf.py

Linux:
pyinstaller --onefile --name compress_pdf --hidden-import=pikepdf --hidden-import=PIL --hidden-import=lxml.etree --collect-all pikepdf compress_pdf.py

chmod +x dist/compress_pdf

macOS:
pyinstaller --onefile --name compress_pdf --hidden-import=pikepdf --hidden-import=PIL --hidden-import=lxml.etree --collect-all pikepdf compress_pdf.py

chmod +x dist/compress_pdf

4. convert_pdf_images

Windows:
pyinstaller --onefile --name convert_pdf_images --hidden-import=fitz --hidden-import=PyMuPDF --hidden-import=PIL --hidden-import=PIL.Image --collect-all fitz --collect-all PyMuPDF --collect-all PIL convert_pdf_images.py

Linux:
pyinstaller --onefile --name convert_pdf_images --hidden-import=fitz --hidden-import=PyMuPDF --hidden-import=PIL --hidden-import=PIL.Image --collect-all fitz --collect-all PyMuPDF --collect-all PIL convert_pdf_images.py

chmod +x dist/convert_pdf_images

macOS:
pyinstaller --onefile --name convert_pdf_images --hidden-import=fitz --hidden-import=PyMuPDF --hidden-import=PIL --hidden-import=PIL.Image --collect-all fitz --collect-all PyMuPDF --collect-all PIL convert_pdf_images.py

chmod +x dist/convert_pdf_images

pip install this packages:

PyMuPDF

pikepdf