**Python executable build process**

**Cross platform supported**

**pip install this packages:**

pip install PyMuPDF pikepdf pyinstaller

**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