

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
```