

jpeg2pdf.py

```
#!/usr/bin/env python

"""jpeg2pdf.py - Convert a JPEG image into a PDF file.

jpeg2pdf.py image.jpeg -> image.pdf

Resolution is not changed, one pixel is 1/72 inch.
Only JPEG images can be converted!
Original extension will be replaced with '.pdf'.
Original file will not be deleted.
File tagging on Macs was not yet tested.

Dinu Gherman, July 2000
"""

__version__ = 0,5

import sys, os, Image
from reportlab.pdfgen import canvas

def convertJpegImage(imgPath):
    "Convert a JPG image file into a PDF file."

    # Find out the size of the input image.
    img = Image.open(imgPath)
    size = img.size

    # Make sure it *is* a JPEG file.
    msg = '%s is not a JPEG image!' % imgPath
    assert img.format == 'JPEG', msg

    # Make output filename.
    rest, ext = os.path.splitext(imgPath)
    pdfPath = rest + '.pdf'

    # Create PDF file with image compressed
    # with DCT and ASCII85.
    c = canvas.Canvas(pdfPath, size)
    c.drawImage(imgPath, 0, 0)
    c.showPage()
    c.save()

    # Tag the file as PDF if we are on a Mac.
    if os.name == 'mac':
        import macfs
        try:
            macfs.FSSpec(pdfPath).SetCreatorType('CARO', 'PDF ')
        except:
            pass

# Handle command line arguments, if called as standalone script.
if __name__ == '__main__':
    files = sys.argv[1:]

    if not files:
        name = os.path.basename(sys.argv[0])
        print "Usage: %s <file1> [<file2> ...]" % name
    else:
        for p in files:
            convertJpegImage(p)
```