PDF Manipulation

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Background

✓ Last discussed at ApplePickers in May 2010

✓ Adobe established PDF in 1993 as a way to share electronic documents independent of the software or hardware that created it

- Built upon the postscript language Adobe had developed earlier and adopted by Apple to drive their first laserwriter

- Acrobat and Acrobat Reader (now called Adobe Reader) were released for Mac OS, UNIX, and Windows

✓ Adobe submitted the PDF to Enterprise Content Management Association in Jan 2007

✓ ISO published the approved ISO 32000-1 standard based upon PDF 1.7 in July 2008

✓ Adobe continues to extend features in their Acrobat products but these have not yet been adopted in the ISO standard

- Mostly involve 3-D extensions, video, security

✓ Layers (Groups)

- PDF files can have multiple layers beyond image layer to contain text, pictures, form content, and annotations

Free Apps

✓ <u>Preview</u>

- Rearrange pages, grab or remove pages, merge, rotate, annotate, add signature, encrypt

✓ <u>PDFSam</u> basic

- Merge, split, rearrange

✓ <u>Adobe Reader DC</u>

- Sign documents, annotate

- Better handling of forms

- Heavy-handed embedded advertising

✓ <u>PDFLight</u>

- Quality compression but there are others including Automator workflows

Paid Apps for Specific Purposes

✓ <u>PDFOutliner</u> ($4.99)

- Create TOC from headings (auto-detect)
- Cleanup existing or messy TOCs

✓ <u>PDFPenPro</u> ($124.99)

- In addition to Preview's pdf capabilities:
    - ✦ Create forms
    - ✦ OCR
    - ✦ TOC
    - ✦ Redact
    - ✦ Export to MSOffice
    - ✦ Add/edit links

✓ <u>Affinity Publisher</u> ($49)

- Full-fledged publishing software
- Create TOCs from heading styles
- Edit PDFs