

From Printed Book
To Searchable PDF

David Walker
Ottawa TMG Users Group
10 April 2011

Introduction

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We have all encountered books, new and old,
lacking an index.

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We have all encountered books, new and old, lacking an index.

This presentation will describe methods to download, scan and photograph such books, and to convert the image files into a fully searchable format.

Methodology

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- ◆ Digital download from Google Books
- ◆ Photographic technique using a copy stand, digital camera controlled by computer

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- ◆ Digital download from Google Books
- ◆ Photographic technique using a copy stand, digital camera controlled by computer
- ◆ Scanning technique using a specially designed book scanner

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In this case, choosing 'download PDF' will create the entire 717 page book on your hard drive. This seemed like a great idea as the two volume reprint that I purchased years ago had no index. It was always a frustrating experience to locate information on a particular person. This free download is not an improvement for me since the PDF file is not searchable.

A solution will follow.

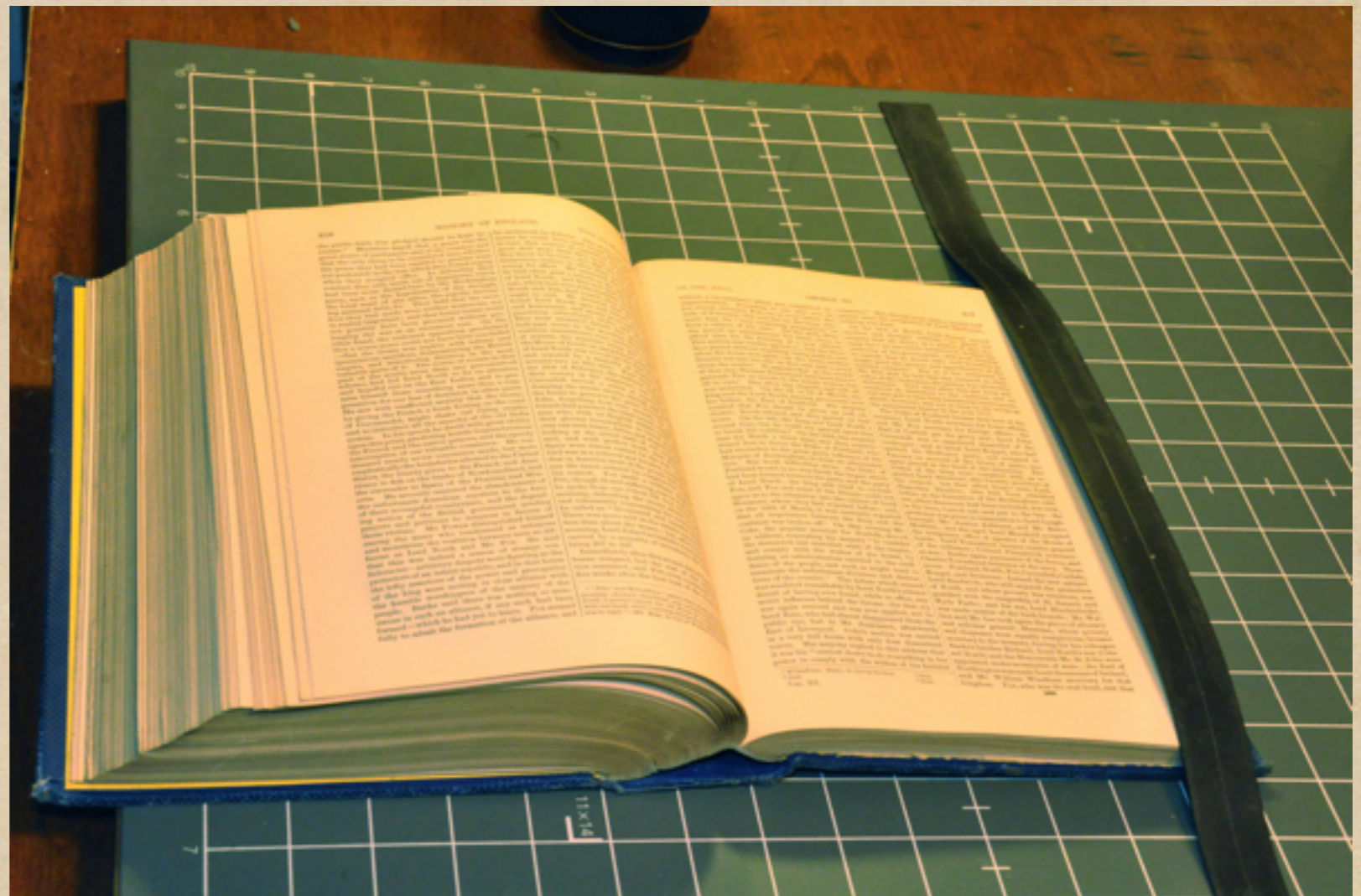
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Beseler CS-20 photographic copy stand, Nikon D90 camera, Nikkor 60mm macro lens, MacBook Pro using Nikon Camera Control Pro software to control the camera and transfer images to the computer.

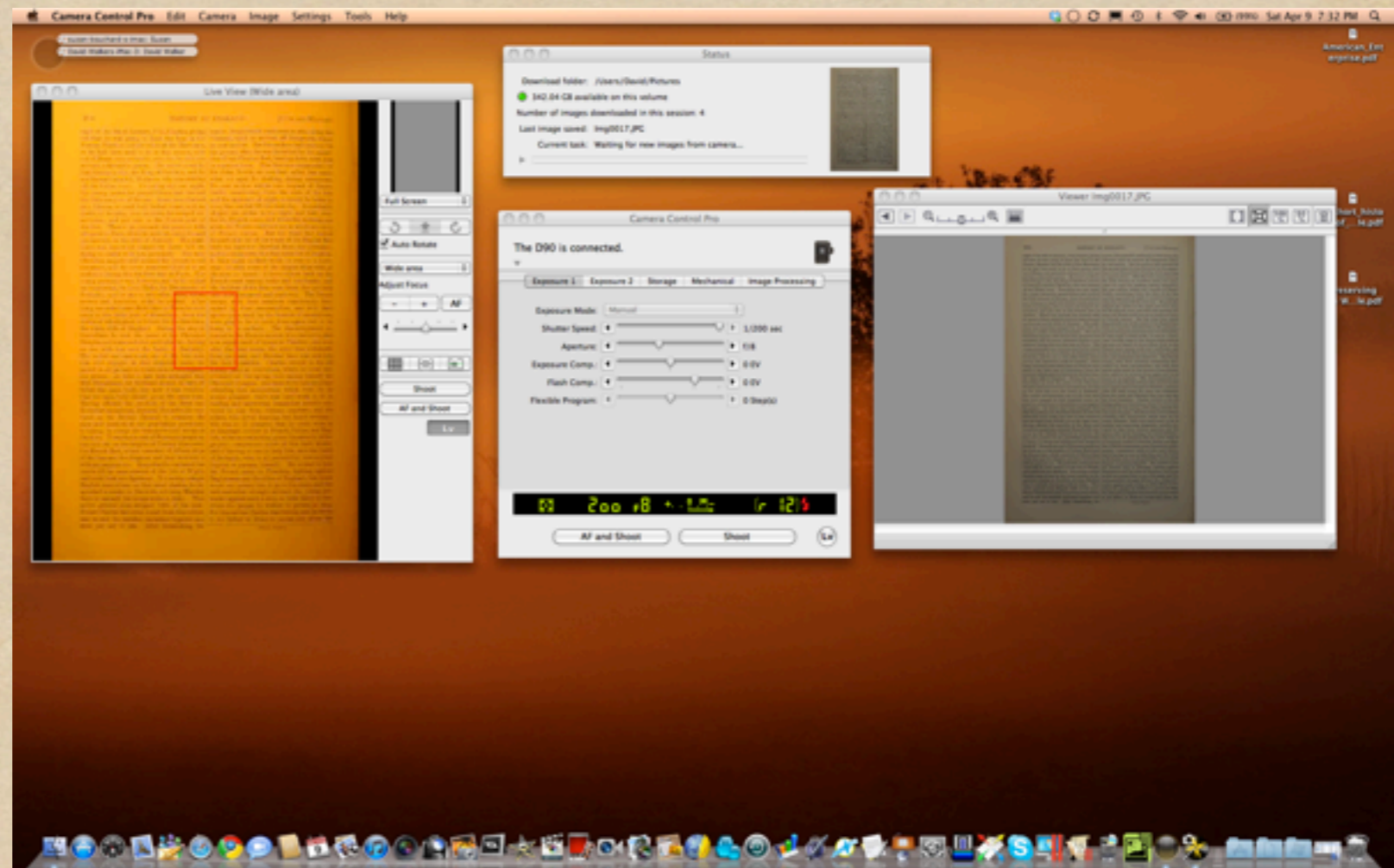


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A typical book copying setup, using a magnetic strip to help keep the page flat

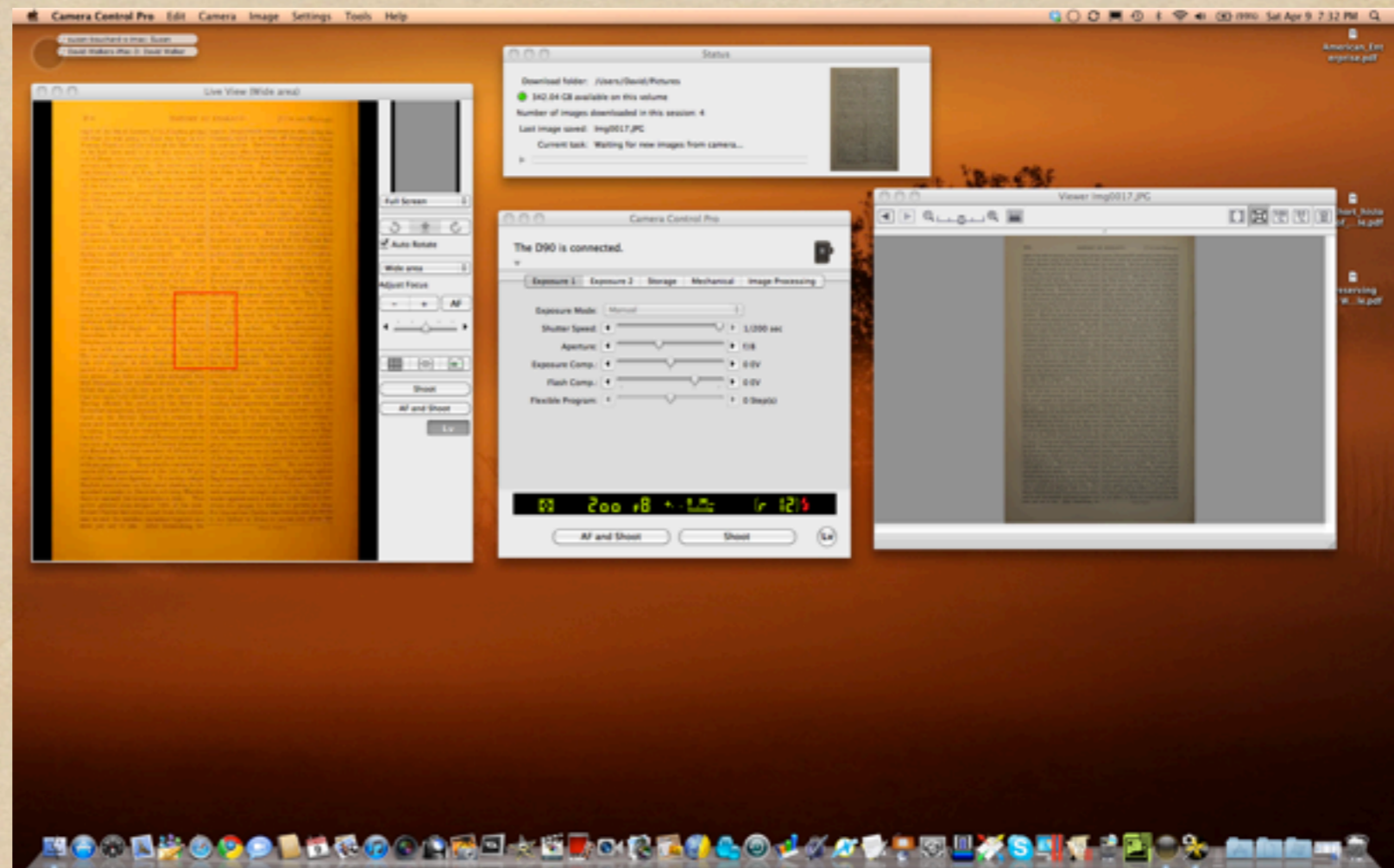


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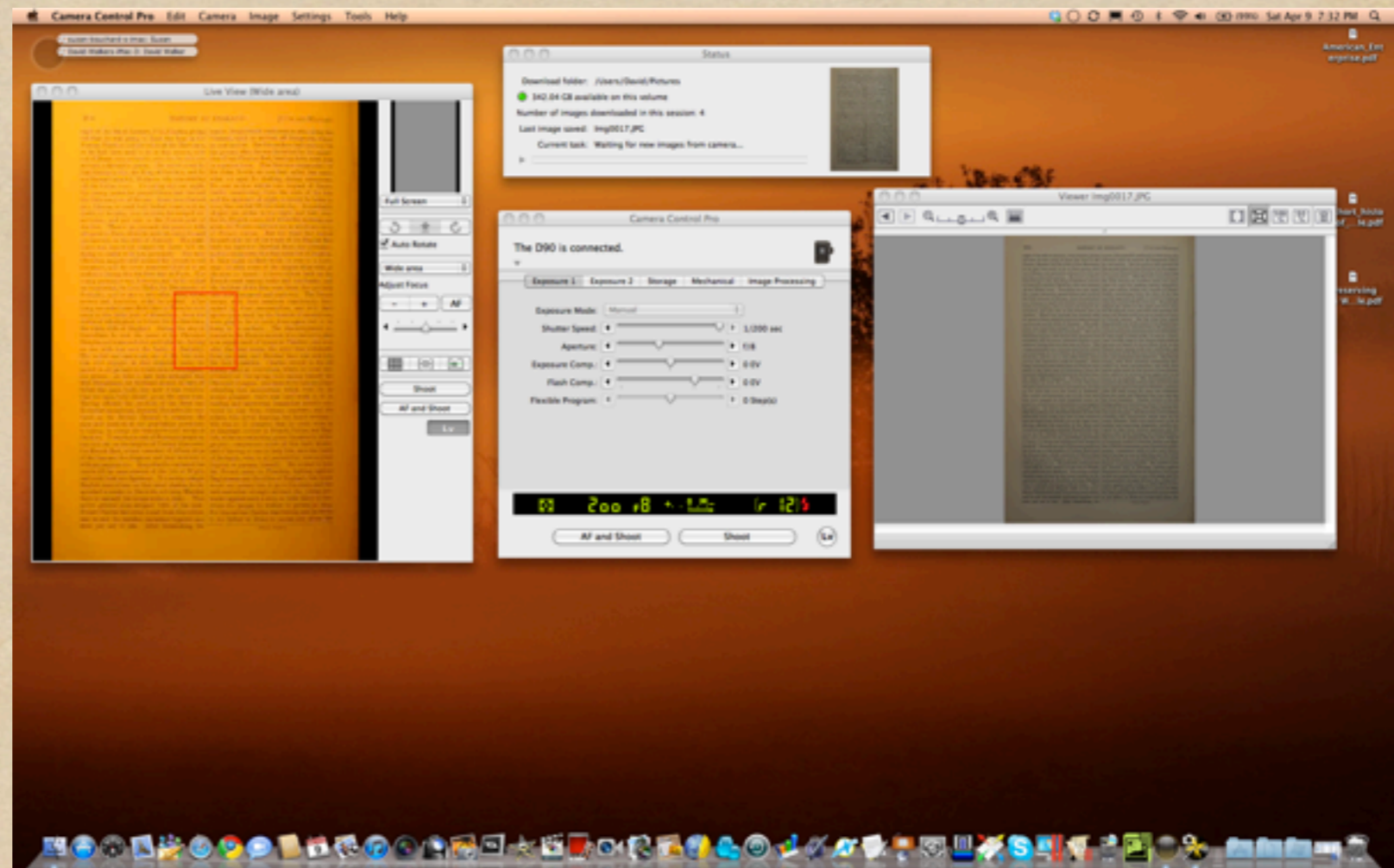
The display of the MacBook Pro, using Nikon Camera Control Pro software.



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The display of the MacBook Pro, using Nikon Camera Control Pro software.

Complete control of the camera is achieved from the computer.

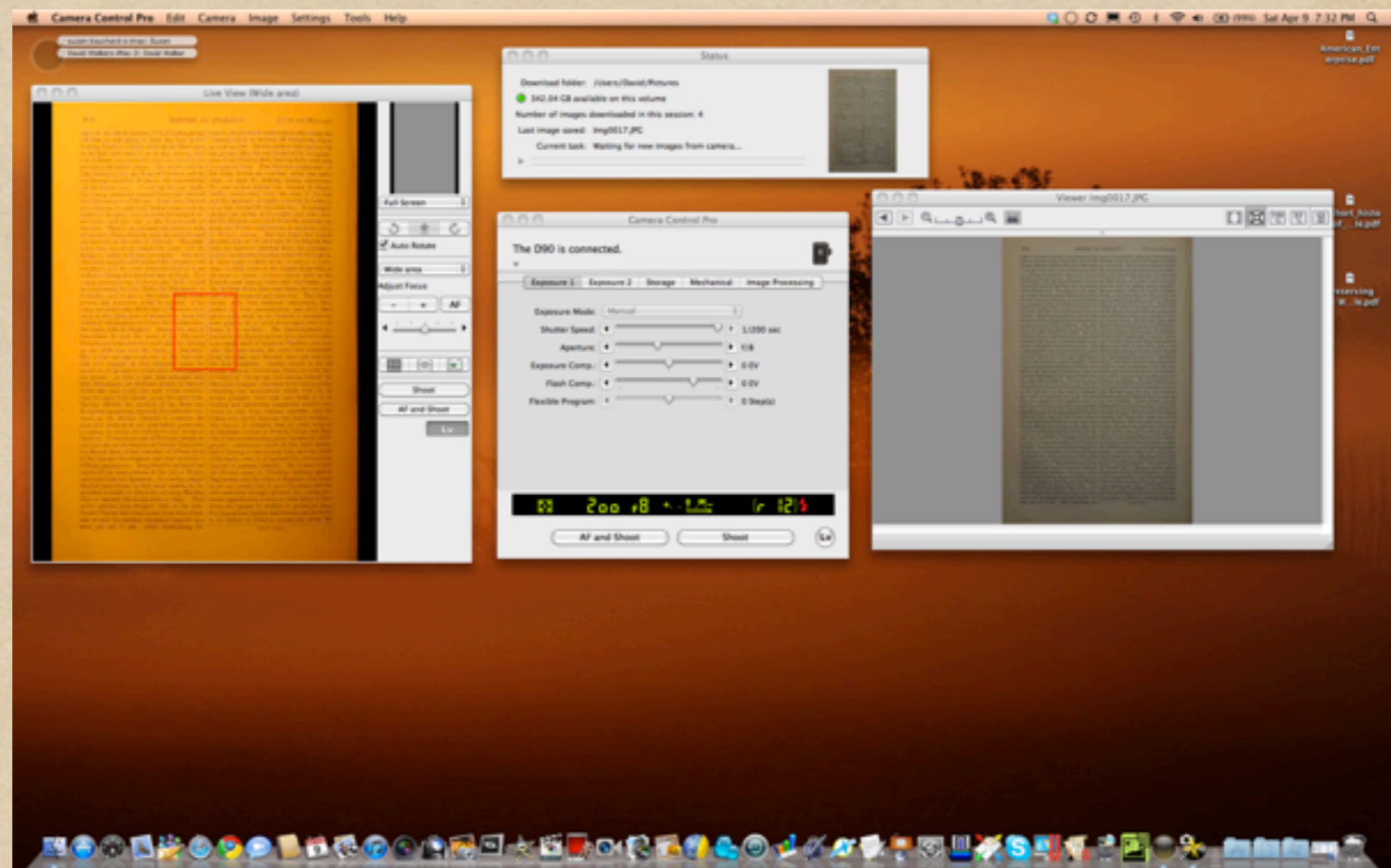


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The display of the MacBook Pro, using Nikon Camera Control Pro software.

Complete control of the camera is achieved from the computer.

Images are transferred directly to the computer via a USB cable.



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retired, a circumstance which was considered as unprecedented. According to one who was in his closest intimacy, Pitt, on or even before the 24th of February, was sent for by the king, who made him the "very surprising proposition" to form a cabinet of his own.¹ On the 25th, Dundas moved an adjournment for three days, to afford time for the forming of a new cabinet. This motion was readily agreed to; but the three days passed without anything being settled, and when the house met again (on the 28th) neither Dundas nor any one else on that side said a word about the matter. It appears that in the course of that day, Thomas Townshend had been sent to persuade Pitt to accede to the king's wishes, but all in vain.² Day after day elapsed, and still all was undecided. On the 2d or 3d of March, the king sent for Lord North, having previously seen his father, the Earl of Guilford. His majesty insisted that Fox should be given up and excluded; North refused, and they parted on bad terms. On the 5th, the king saw Lord North a second time, but he could not prevail upon him to break the coalition.³ On the 12th, his majesty sent for North a third time, and then commissioned him to desire the Duke of Portland, who had succeeded to the great party influence of the Marquis of Rockingham, to form an administration. But fresh difficulties arose: the Duke of Portland would in no way break the league which had been formed between his party and the party of Lord North; the king still tried to exclude Fox, and Fox and some of his friends could not agree as to the admission into the cabinet of Lord Stormont, whom they had rejected before; and, on the 24th of March, it was currently reported that all negotiation between the king and the coalition was broken off.⁴ On that evening Mr. Coke, the popular member for Norfolk, moved an address, requesting his majesty "to consider the distracted and unsettled state of the empire, and comply with the wishes of the house, by forming an administration entitled to the confidence of the people, and such as might tend to terminate the unfortunate divisions and distractions of the country." The debate which ensued was rendered remarkable by Lord North's solemn denial of having ever found, while in office, any secret influence behind the throne—for that cry was again revived and was now applied, not to Lord Bute, who had almost disappeared from the public eye, but to Mr. Jenkinson, afterwards Earl of Liverpool. Coke's motion was carried in a very full house with only four dissentient voices. His majesty replied to this address that it was his "earnest desire to do everything in his power to comply with the wishes of his faithful

commons." But, though more than a month had passed since the resignation of Lord Shelburne, nothing was done.

On the 31st of March, Lord Surrey moved another and stronger address, "to assure his majesty that all delays in a matter of this moment have an inevitable tendency to weaken the authority of his government; and most humbly to entreat that he would take such measures as might quiet the anxiety and apprehension of his faithful subjects." But as it was intimated by Mr. Pitt that he had that day resigned as chancellor of the exchequer, the motion was ultimately withdrawn. Two days after this the king surrendered at discretion to the coalition, and an end was put to this long ministerial interregnum, which, however, was not so long by six weeks as the ministerial hiatus in the year 1757.

The Duke of Portland became first lord of the treasury, Lord North secretary for home affairs, and Mr. Fox secretary for foreign affairs; the Earl of Carlisle got the privy seal; Lord John Cavendish was re-appointed chancellor of the exchequer; and Admiral Lord Keppel, who had quitted the Shelburne party, and resigned in January on account of the treaty of peace, was again placed at the head of the admiralty. The wishes of the king were complied with as regarded Lord Stormont, who became president of the council; but that other king's man, Lord-chancellor Thurlow, who had been admitted before at the formation of the Rockingham cabinet, when Stormont had been excluded, was now, in his turn, barred out, and put to the ban: the great seal was given in commission to Lord Loughborough, Mr. Justice Ashurst, and Mr. Baron Hotham; and the aged Lord Mansfield accepted the temporary office of speaker of the House of Lords; Lord Townshend became master-general of the ordnance; Colonel Fitzpatrick secretary-at-war; Burke again paymaster of the forces, and Charles Townshend treasurer of the navy. These seven—Portland, North, Fox, Cavendish, Carlisle, Keppel, and Stormont—formed the new cabinet. Lord Sandwich, who still enjoyed the protection of North, and whose poverty was notorious, was gratified with the rangiership of St. James's and Hyde Parks; and his son, Lord Hinchinbroke, was made master of the buck-hounds; Mr. Wallace and Mr. Lee took again the places of attorney and solicitor general; Sheridan, whose poverty and eloquence were equally conspicuous, became secretary to the treasury, having for his colleague Burke's brother Richard; Lord North's son (Colonel North) and the Honourable Mr. St. John were appointed under-secretaries of state; the Earl of Northampton was made Lord-lieutenant of Ireland, and Mr. William Windham secretary for that kingdom. Fox, who was the real head, saw that

¹ *Wetherstone's Diary, in Life by his Son.*

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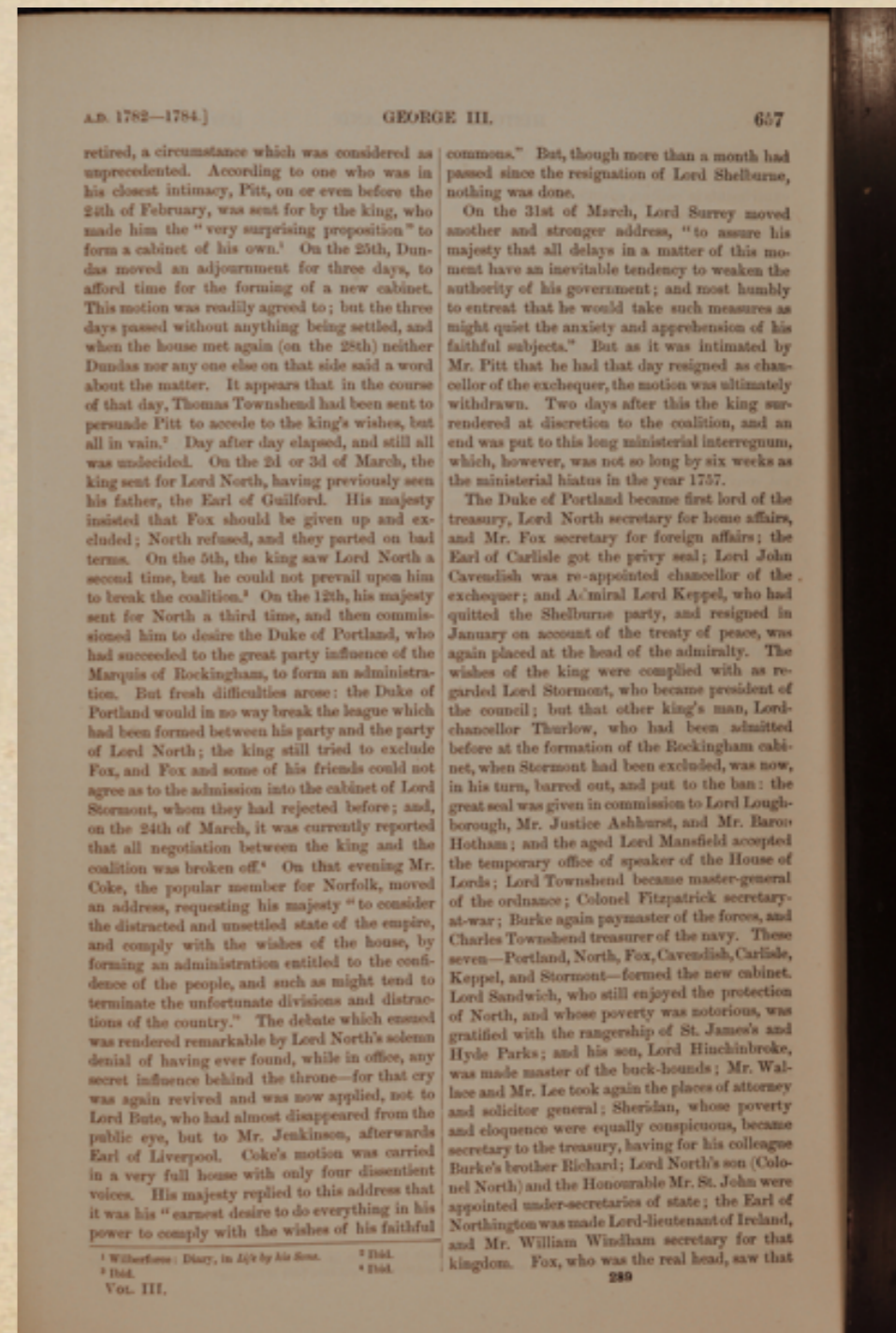
³ *Ibid.*

⁴ *Ibid.*

⁵ *Ibid.*

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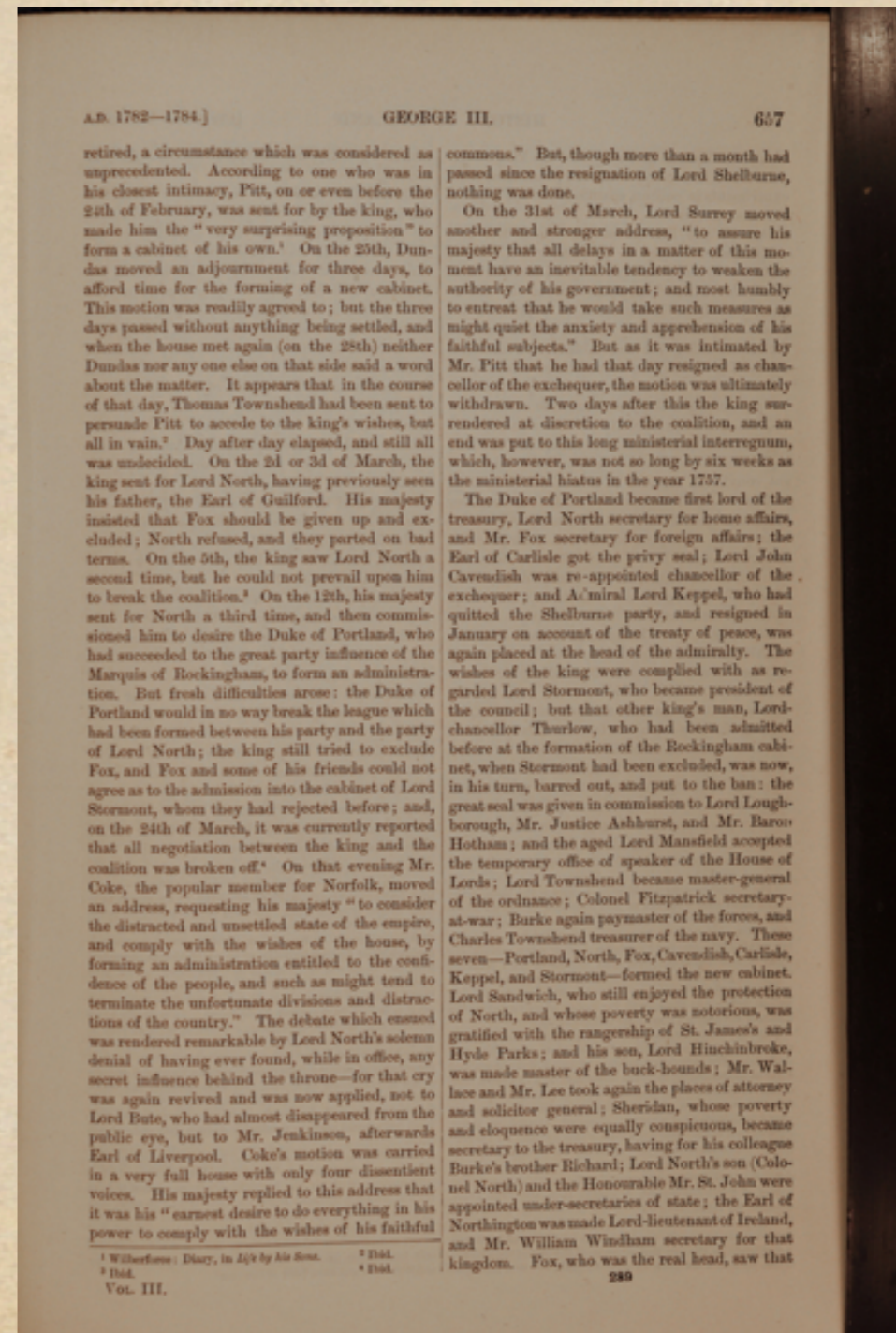
A sample page, white balance and colour corrected for the light source.



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The end result in this procedure is a series of individual images, in JPG or RAW format.



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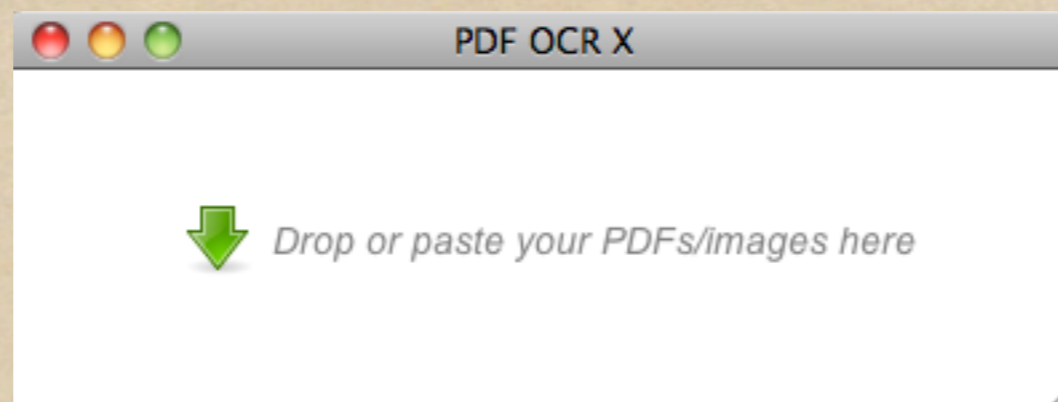
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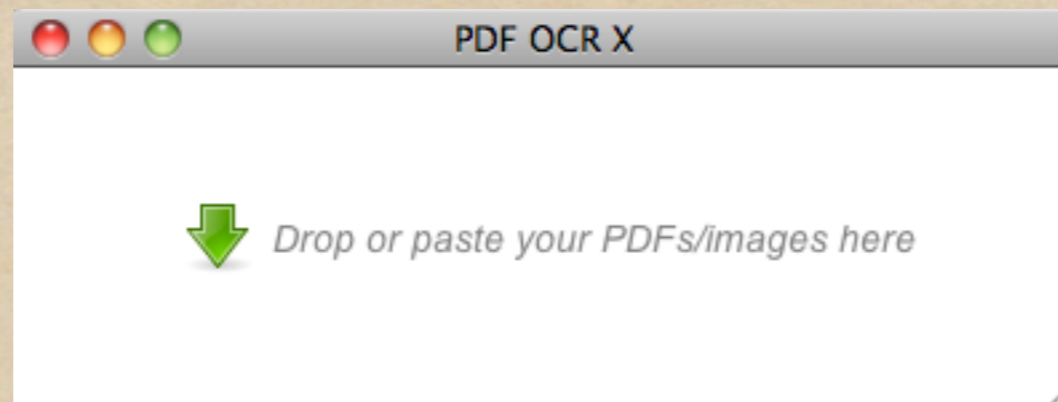


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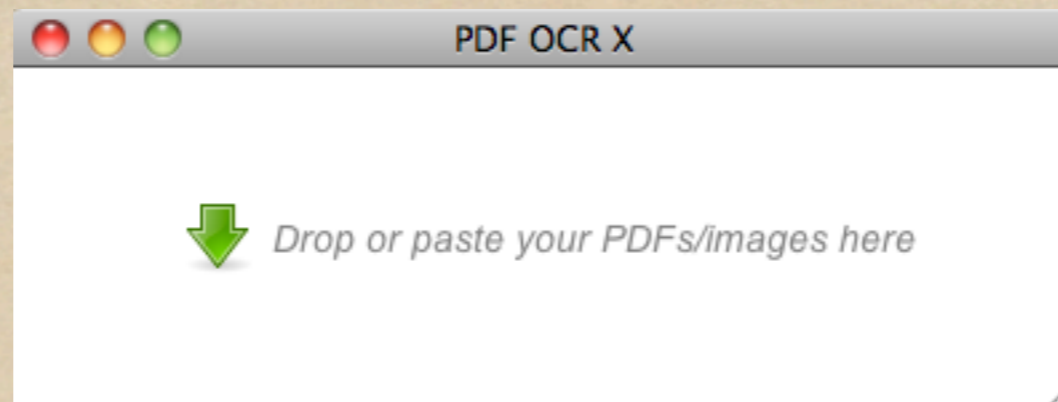


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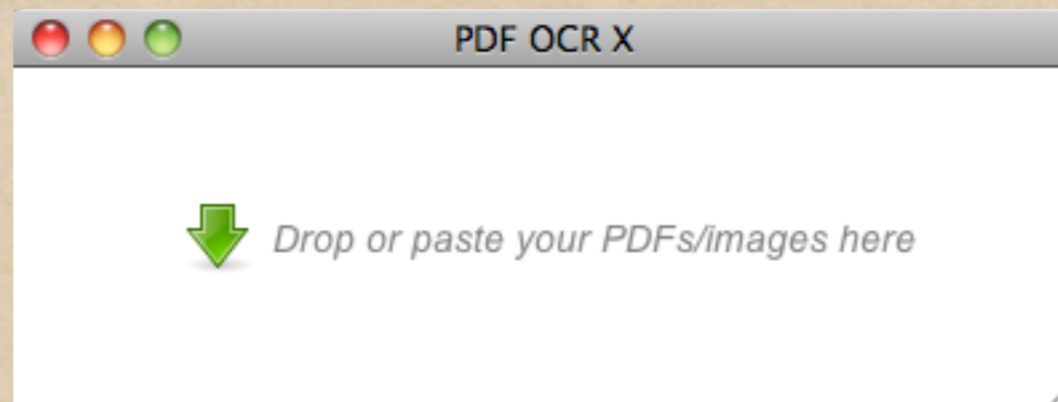
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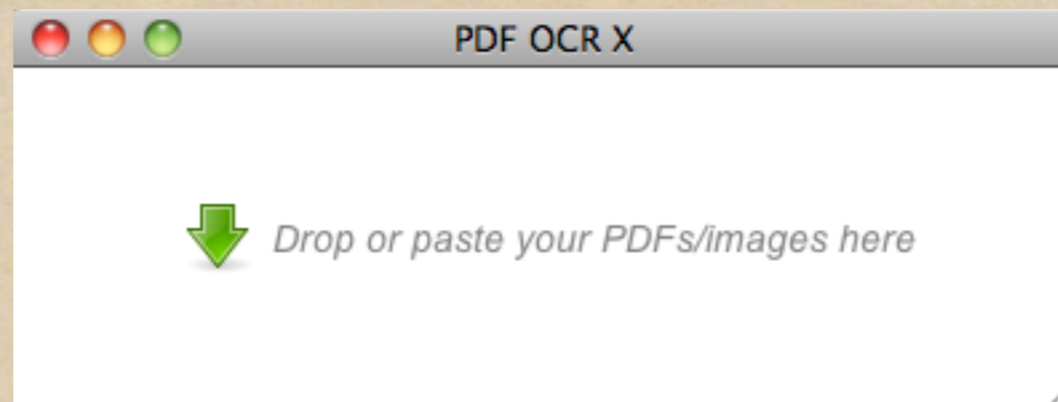
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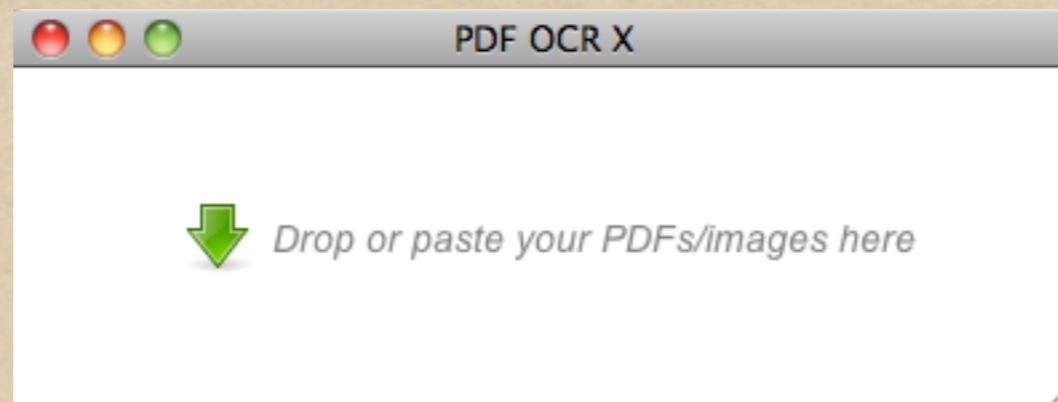
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