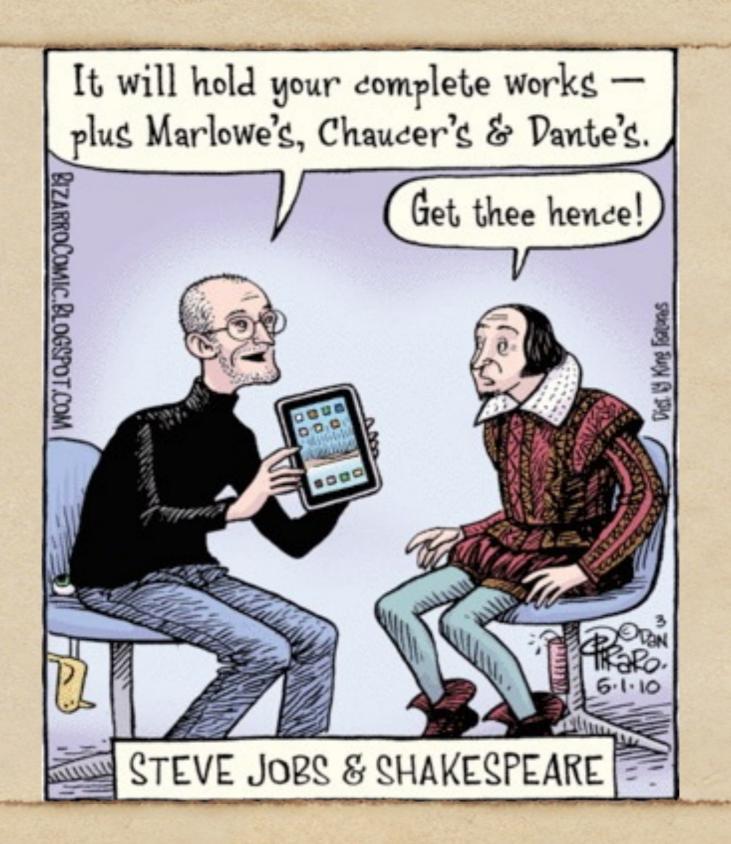
Replacing Your Laptop With An iPad -Can you really do work?

Bebo White
SLAC National Accelerator Laboratory
MacMania'll
Somewhere west of Chile
February 15 2011



The "Bebo Scenario"

- ◆ I did not seek out an iPad, but
- Once I got one, I really became obsessed with whether it could replace my laptop when traveling

Why?

- ◆ Convenience travel with only one machine
- ◆ Size/form factor airplane tray tables are impossible for me
- ◆ Multipurpose entertainment & work
- ◆ Safety & cost
 - ◆ Find your iPad
 - ◆ Remotely "wipe" your iPad



Perceived iPad Issues

- ◆ Not a good machine for creation depends...
- ◆ Availability of applications & services
- ◆ Lack of an accessible file system
- ◆ Enterprise
 - Availability of enterprise apps
 - ◆ Patches
 - ◆ Security
- ◆ Interface
 - ◆ Finger vs. Mouse
 - "Typing on glass"

What Do I Use My Laptop For?

- ◆ E-mail, Web definitely covered!
- Calendar, address book maintenance definitely covered!
- Reading papers, reviews, grading
- ◆ Presentations
- ◆ Document creation & editing
- Odds & ends file transfer, remote login, printing

I Give a Lot of Presentations & Lectures

- Keynote on the iPad is SO easy to use it's as though all the complexity of
 PowerPoint has been boiled away
- ◆ Very easy to import PowerPoint files

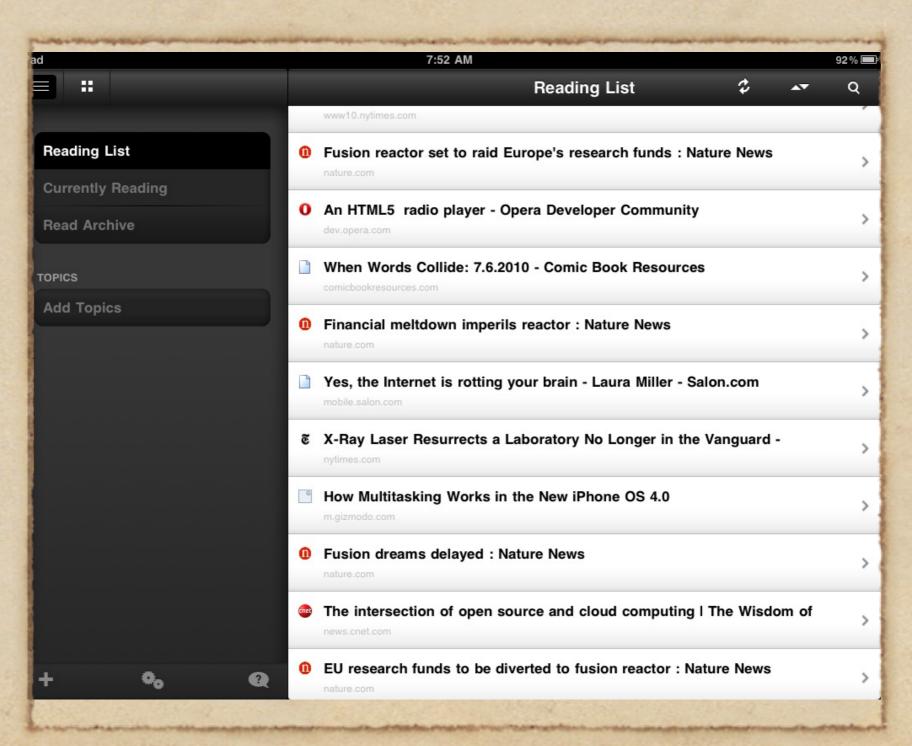
How Did I Make This Presentation?

- ◆ Keynote for iPad
- No laptop was involved in process!
- ◆ Screen shots Home + Power
- Maybe future version of iOS will support generic external display!!

Quick Thoughts About Reading

- ◆ Actually hard (for me) to do general reading on a laptop
- iPad is better since
 - ◆ Any PDFs can easily be loaded into iBooks using iTunes
 - Other formats easily handled with apps
- ◆ I do have a Kindle and that app works great
- ◆ Does require a document management system

Read It Later

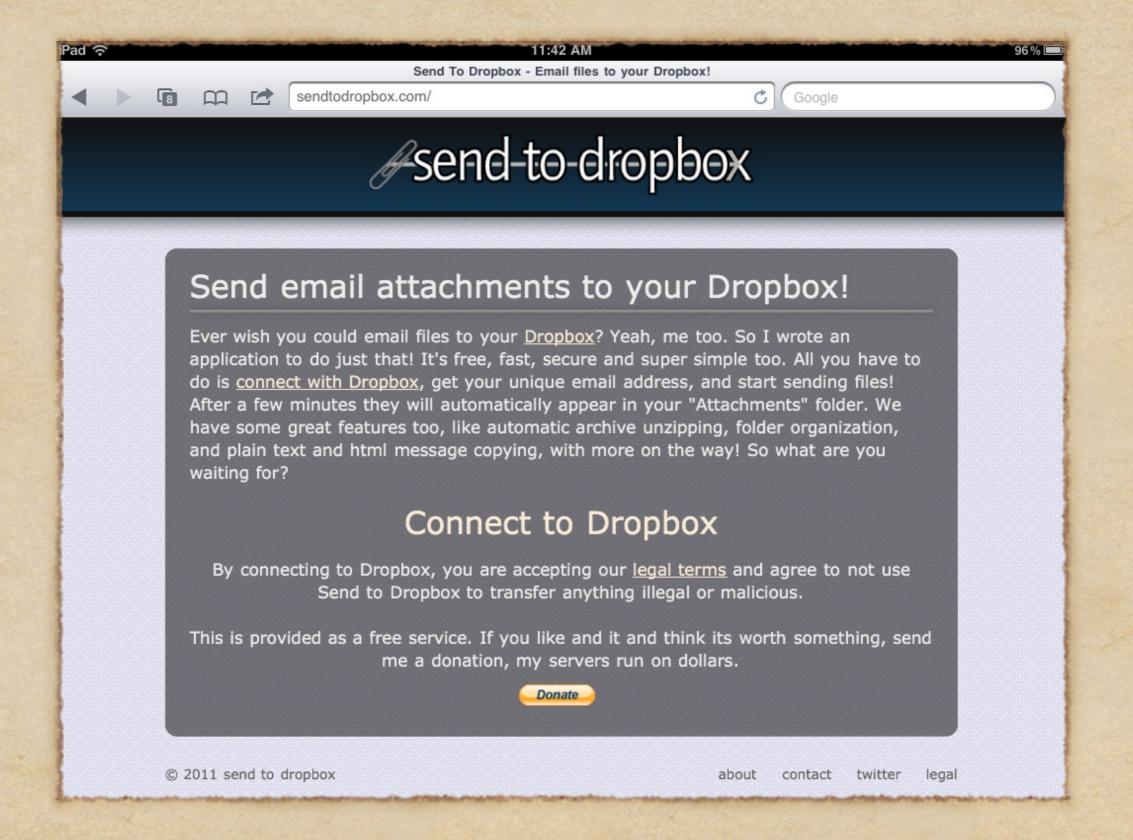


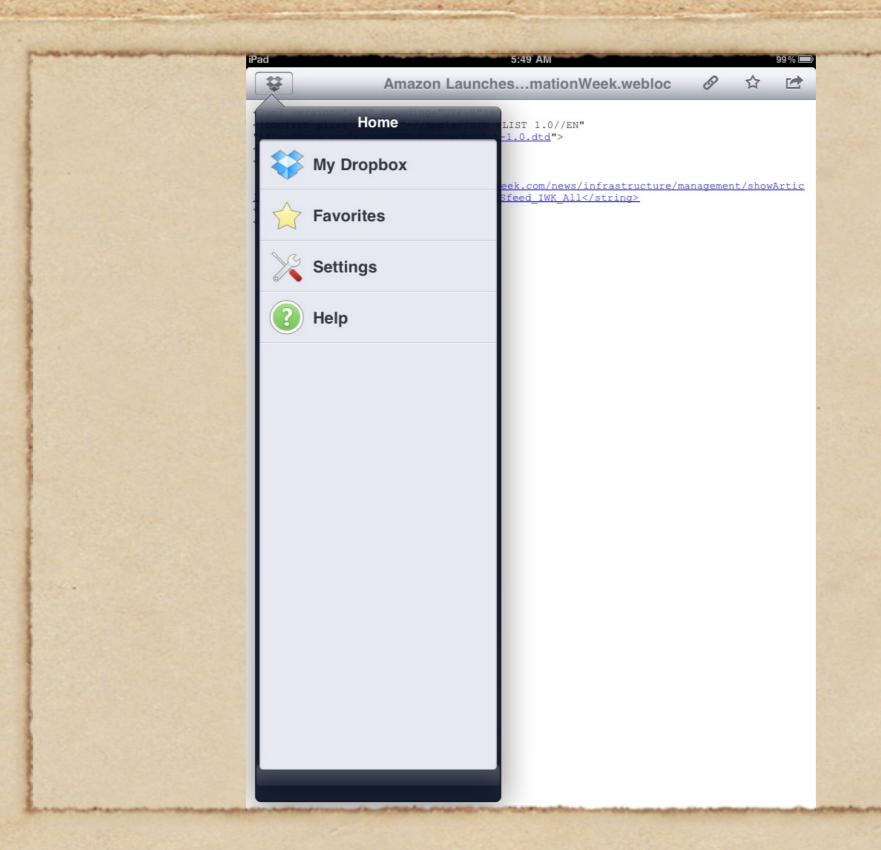
The iPad File System 15 the Cloud!

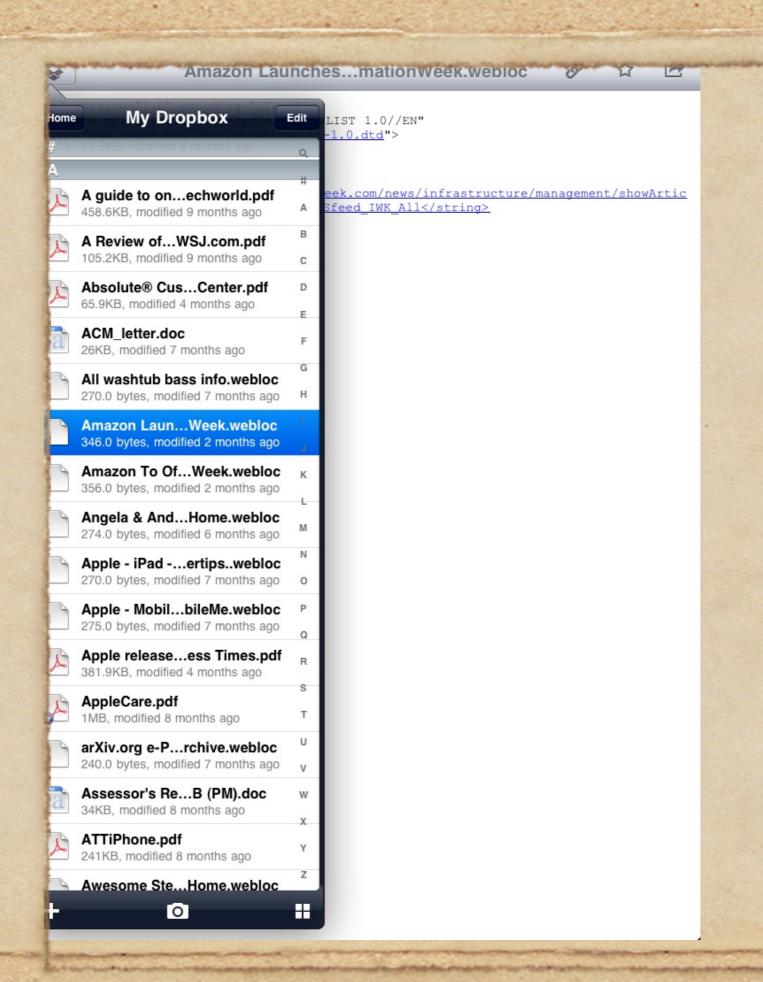
- ◆ Dropbox!!!! must have!
- ◆ Google Docs
- ◆ Any other Web-based/WebDAV-enabled system, e.g., MobileMe iDisk
- Requires a change in mindset re: file systems

Dropbox

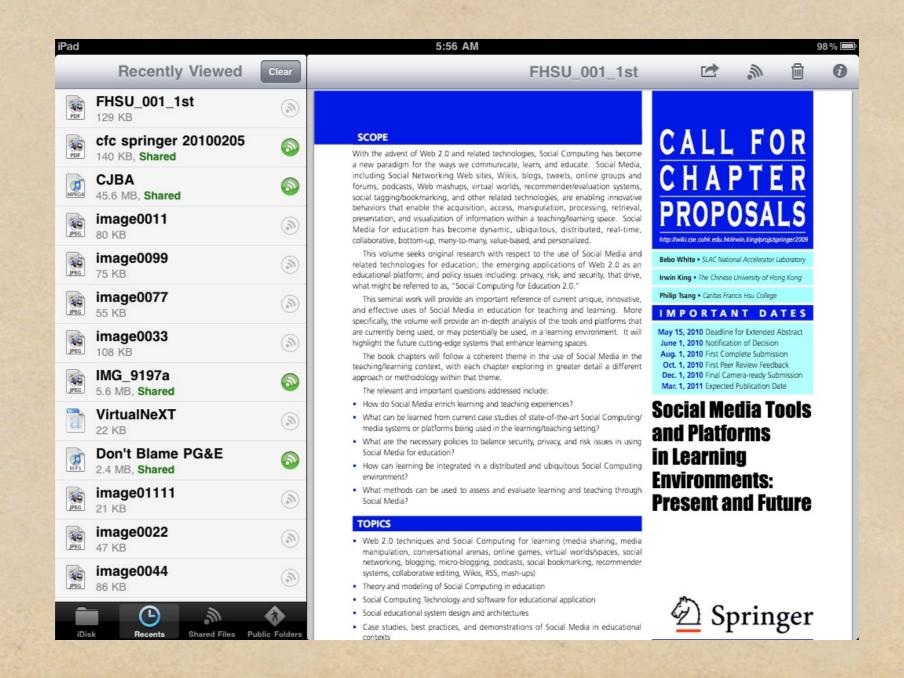
- Files can be organized into folders, subfolders, etc. your own hierarchical file system
- ◆ Files are synched
- ◆ Files can be shared
- ◆ Includes a simple Web server
- Can be used for special purposes







iDisk

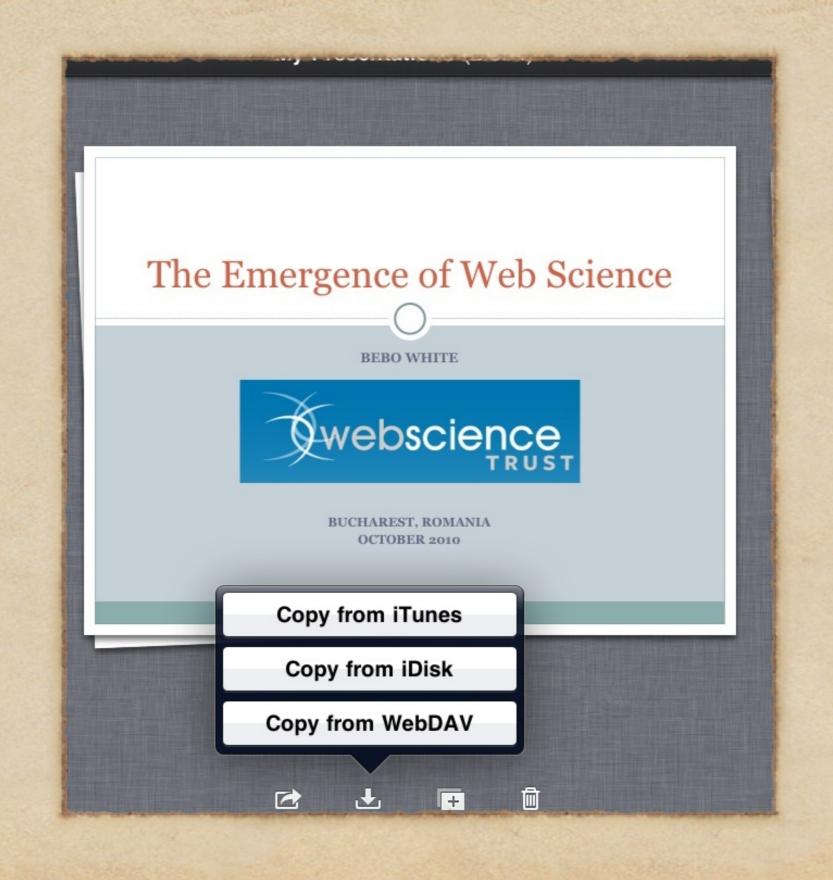


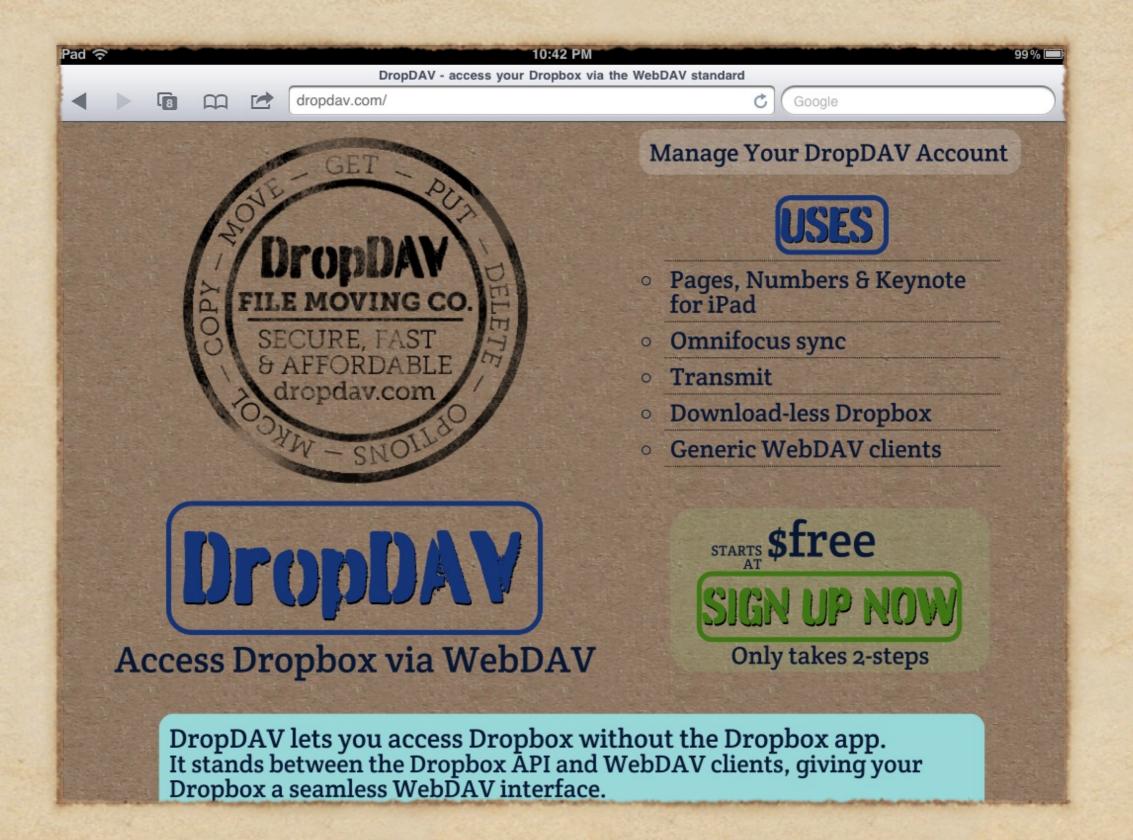
So What? You Can See Files...

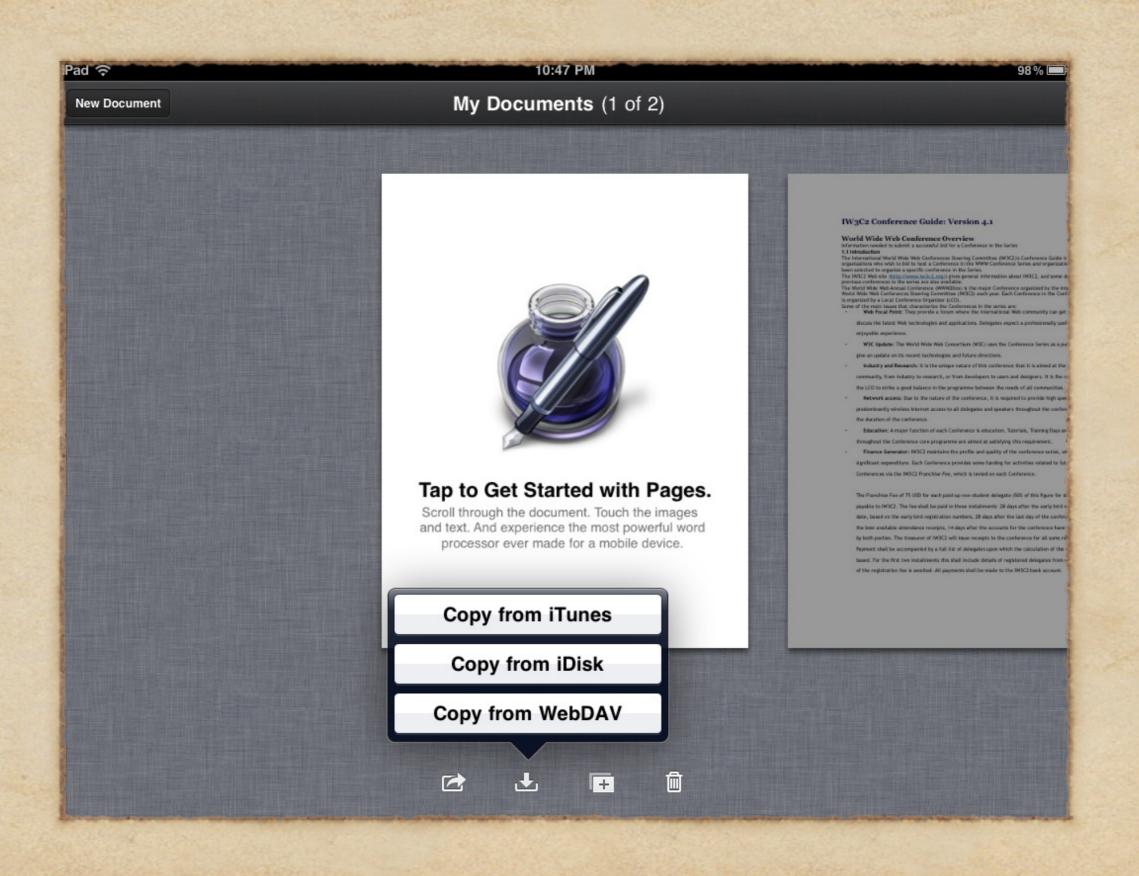
- ◆ You can also
 - ◆ Edit
 - ◆ Share
 - Print

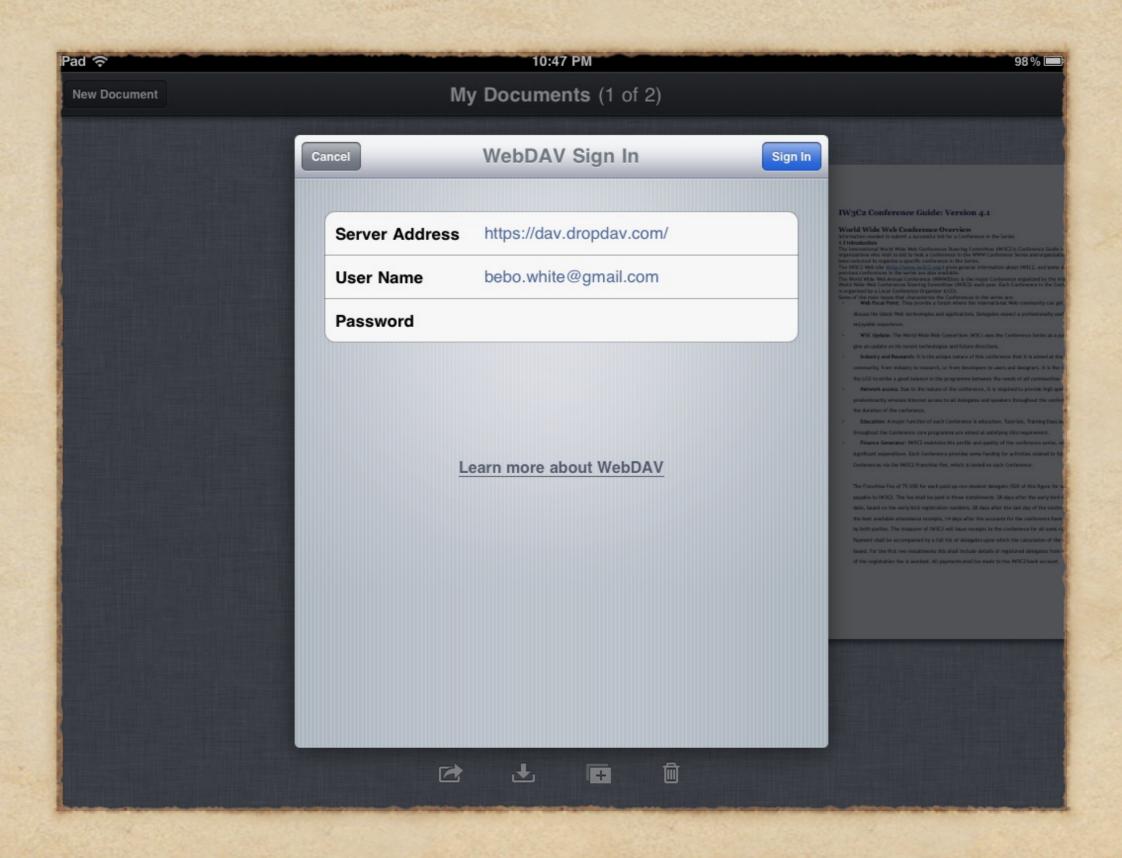
WebDAV

- World Wide Web Distributed Authoring & Versioning
- A standardized set of extensions to HTTP for collaborative editing and management

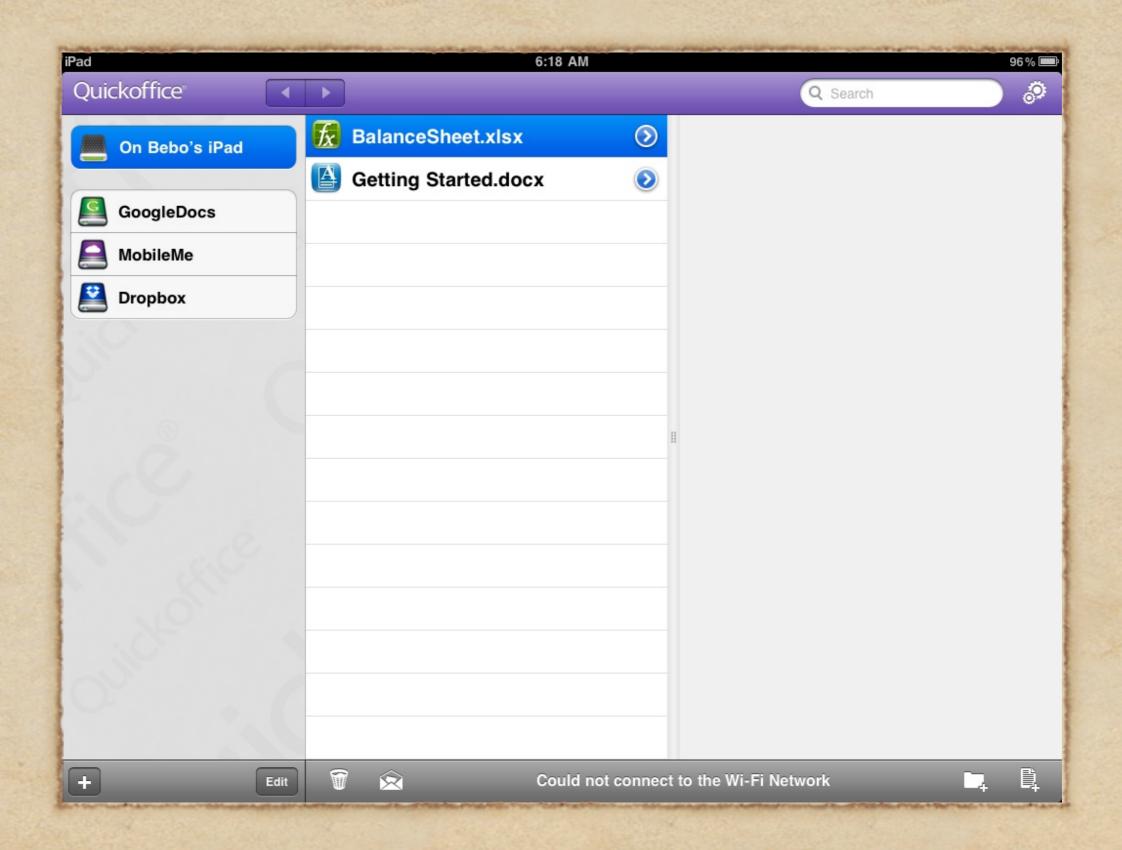


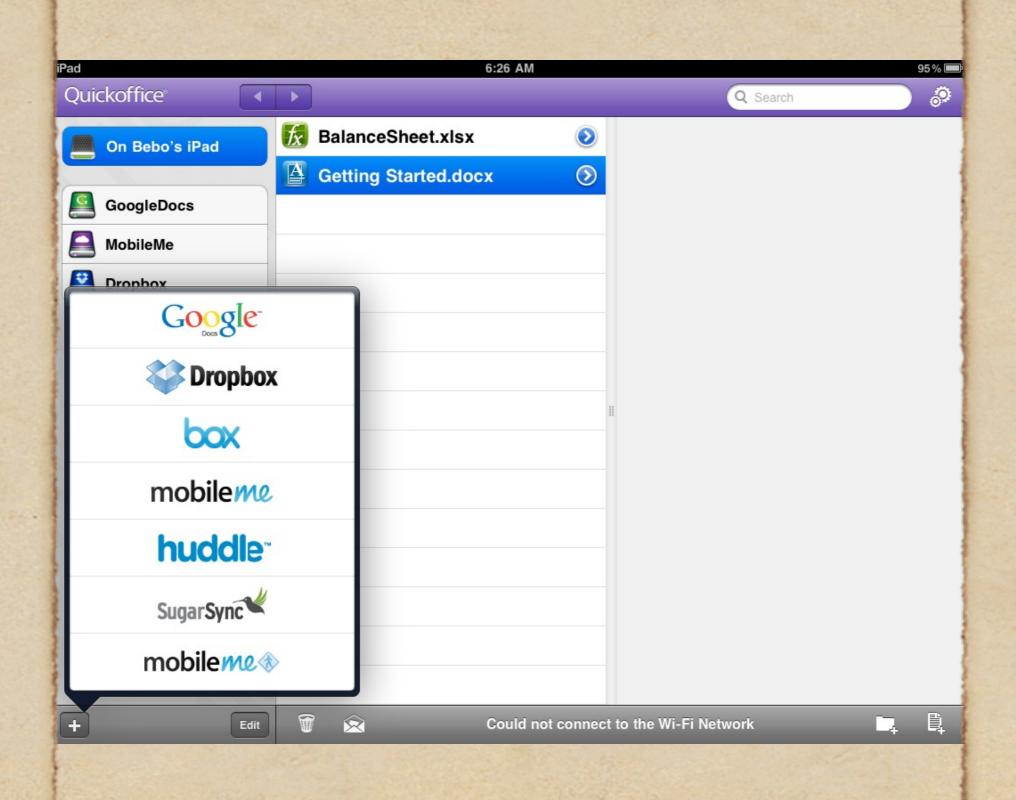






That's good but still kind of clunky..





Getting Started with Quickoffice ConnectTM Mobile Suite for iPad®

Quickoffice ConnectTM Mobile Suite Overview

Quickoffice ConnectTM Mobile Suite for iPad® takes mobile productivity to the next level by reworking our award-winning productivity suite from the ground up and customizing our application to create an incredible high definition iPad® experience. This iPad enhanced mobile office solution is the best full-featured Microsoft® Office productivity suite tailored specifically for iPad devices with integrated access to multiple cloud services.

This document will give you a brief overview of some of the features contained in this application. For more in depth information about Quickoffice Connect™ Mobile Suite for iPad®, go to http://www.quickoffice.com/

File Manager

Using the File Manager

Quickoffice Connect™ Mobile Suite for iPad® allows you to browse through your local and remote folders and files.

 Tap on the local storage or desired online service on the left side of the file manager to see the files stored there Quickoffice ConnectTM Mobile Suite for iPad® takes mobile productivity to the next level by reworking our award-winning productivity suite from the ground up and customizing our application to create an incredible high definition iPad® experience. This iPad enhanced mobile office solution is the best full-featured Microsoft® Office productivity suite tailored specifically for iPad devices with integrated access to multiple cloud services.

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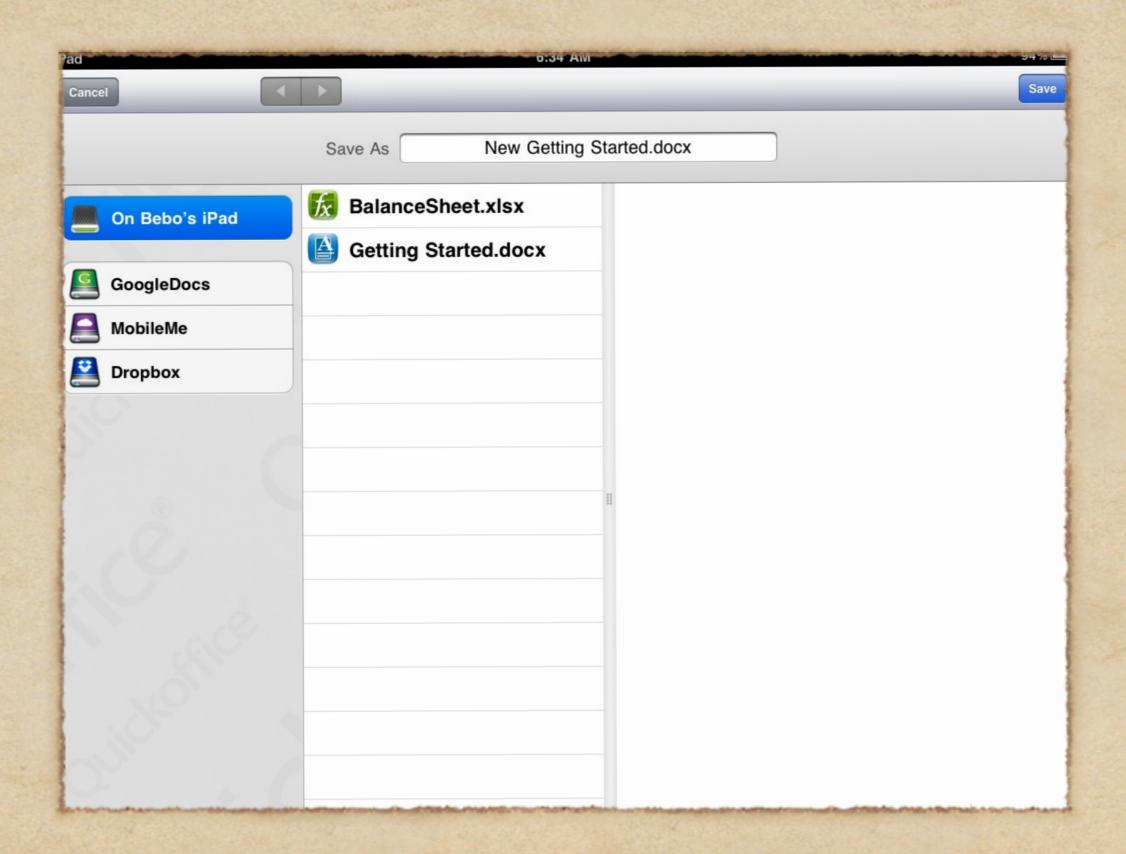
<Bebo:some notes here for MacMania>

File Manager

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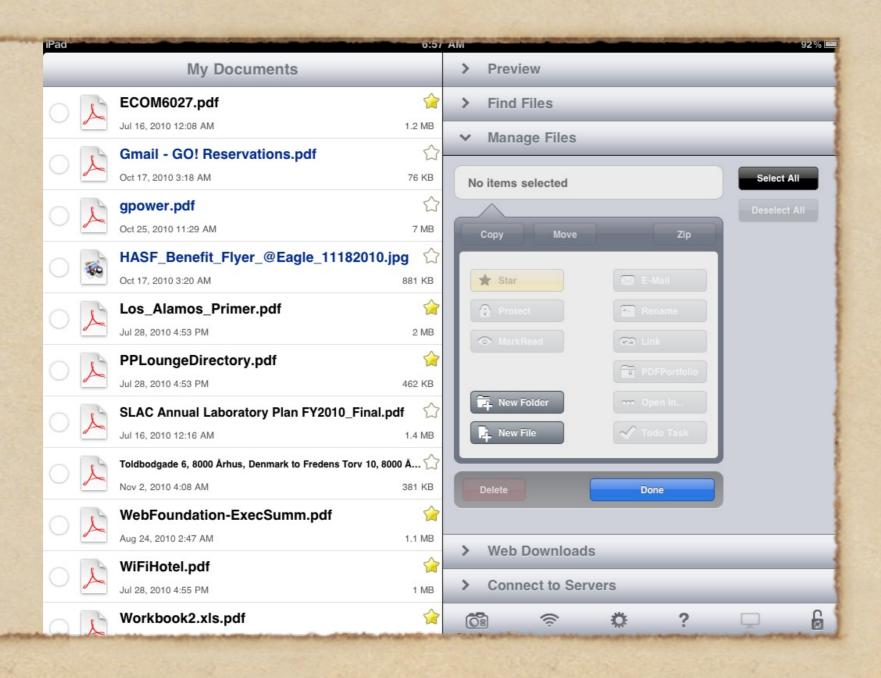
- Tap on the local storage or desired online service on the left side of the file manager to see the files stored there
- Tap on a file to open it, or on a folder to see the contents
- Tap and drag left or right to scroll through the folder hierarchy
- Tap on the blue chevron to see the file information, a visual first page preview of the file, and then tap on the file name in the text box to rename the file

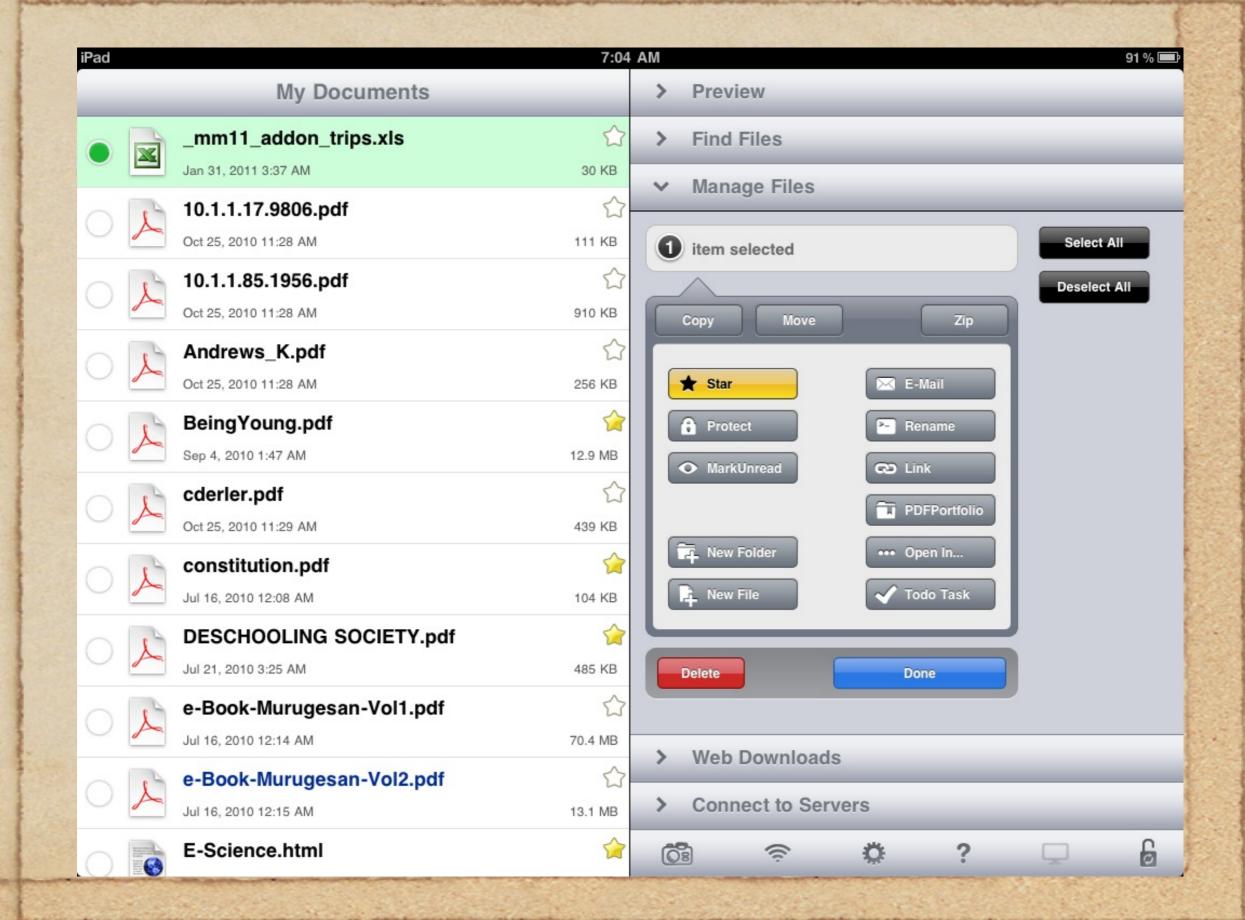


Connectivity

- ◆ There are instances when we have no connectivity/cloud
 - ◆ Vacation
 - Usually always for work
- Suppose you're in a hotel room with only a wired connection?
- Just move files back and forth between cloud and local file system or synch

GoodReader

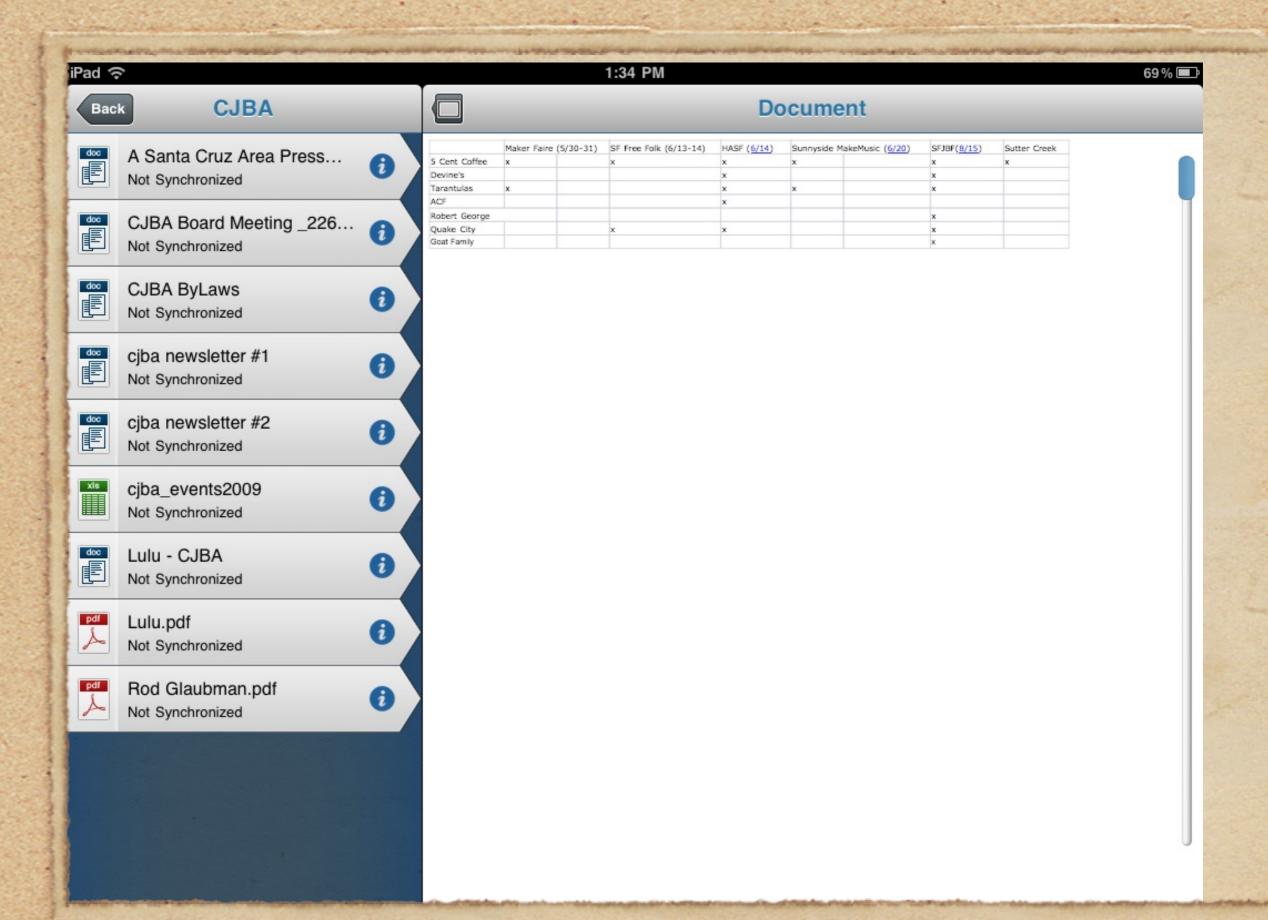






Google Docs

- Another well-supported cloud-based document system
- http://docs.google.com
- ◆ Accessible via iPad app GoDocs





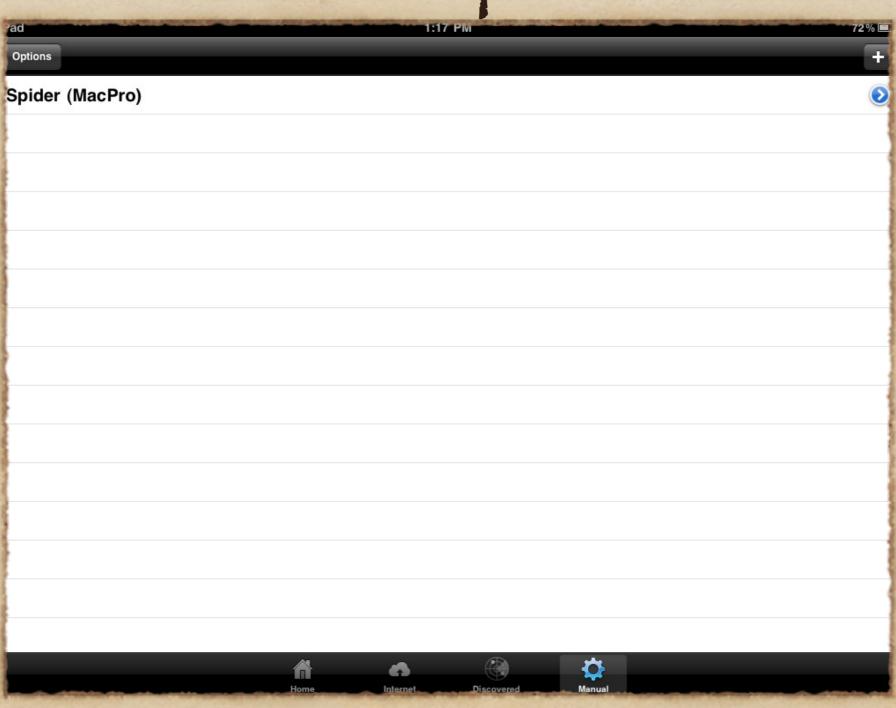
Communicating With Home Base

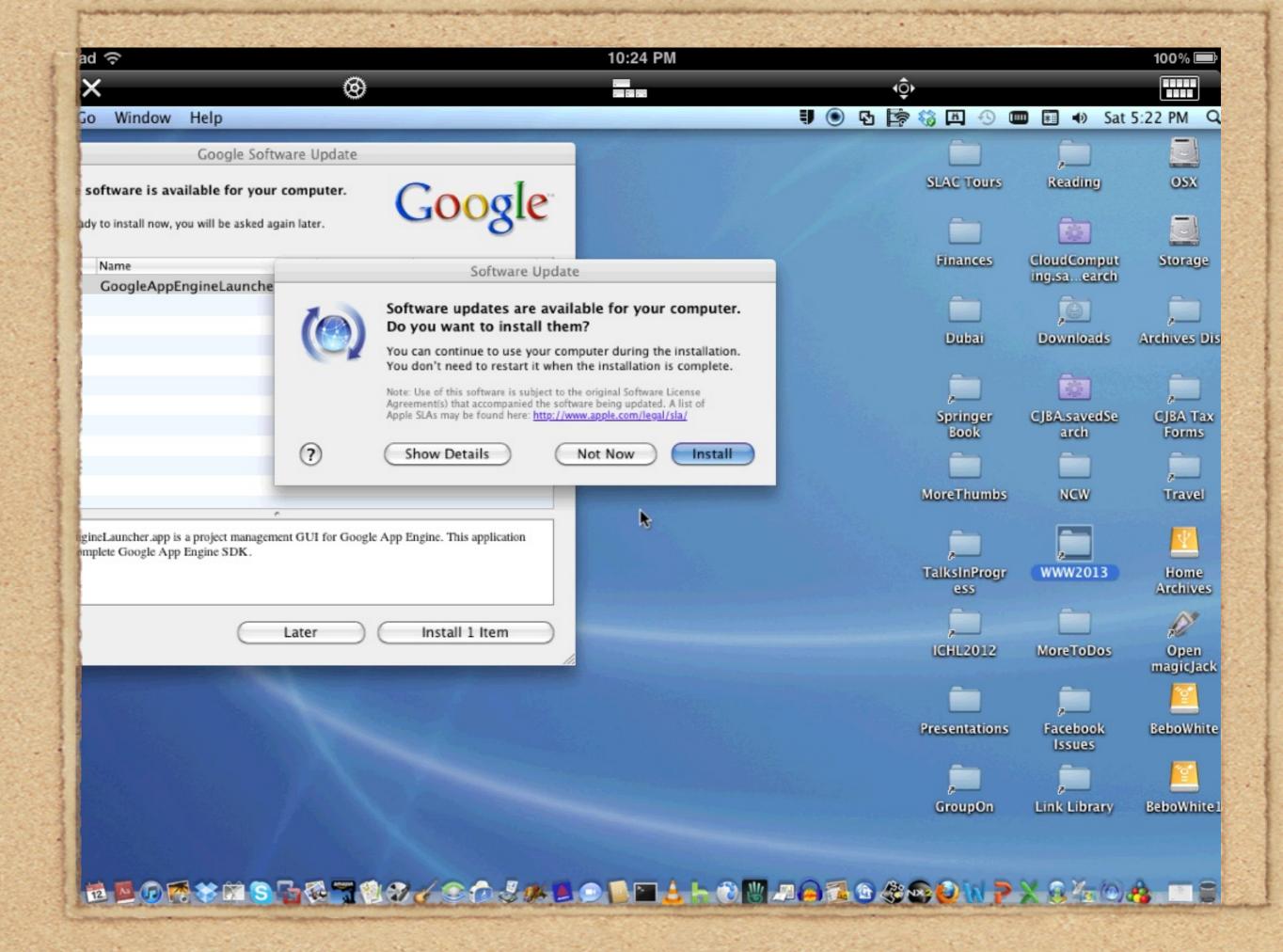
- ◆ Remote login sometimes you just have to
- ◆ Web services
- File sharing/transfer
- Remote printing

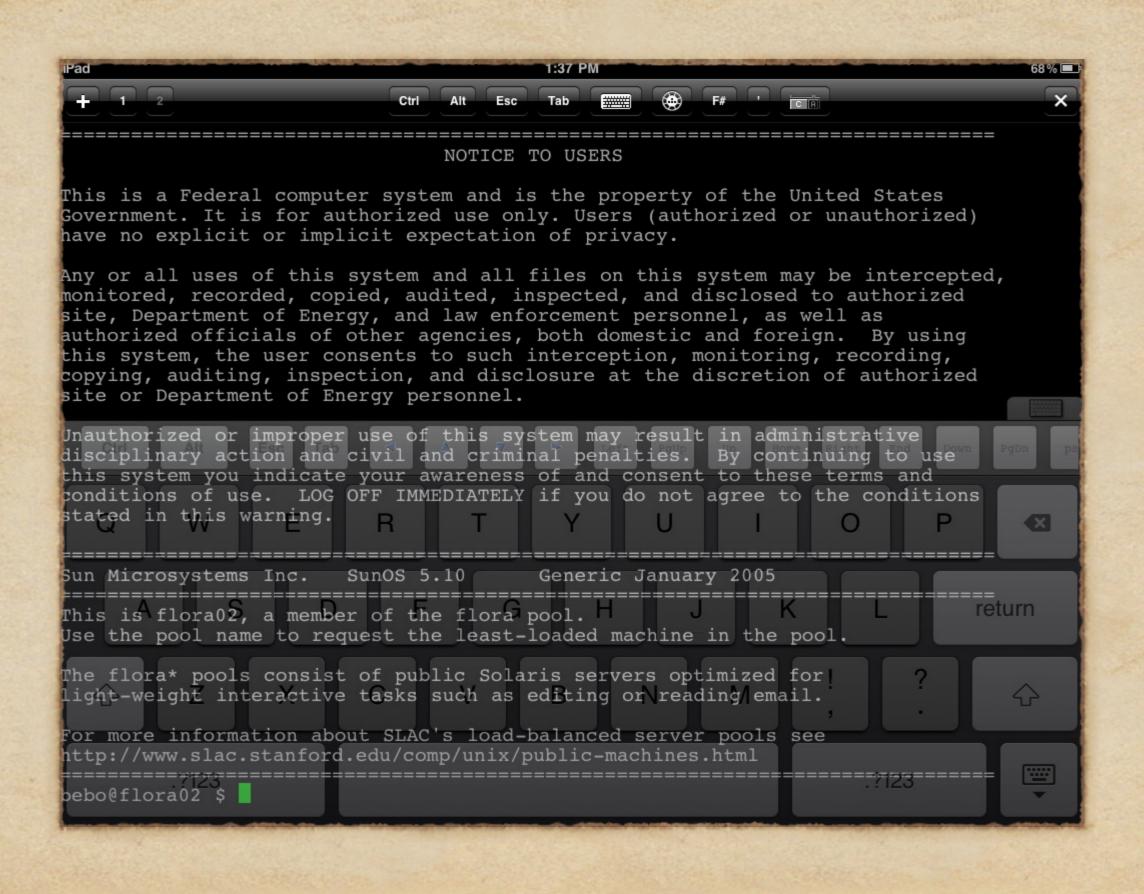
Citrix



iTeleport



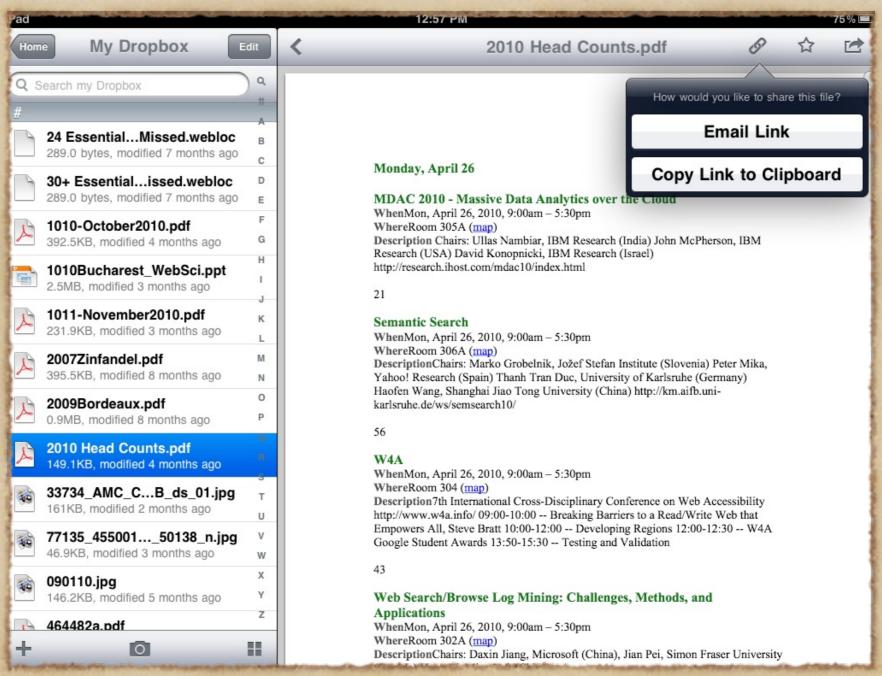


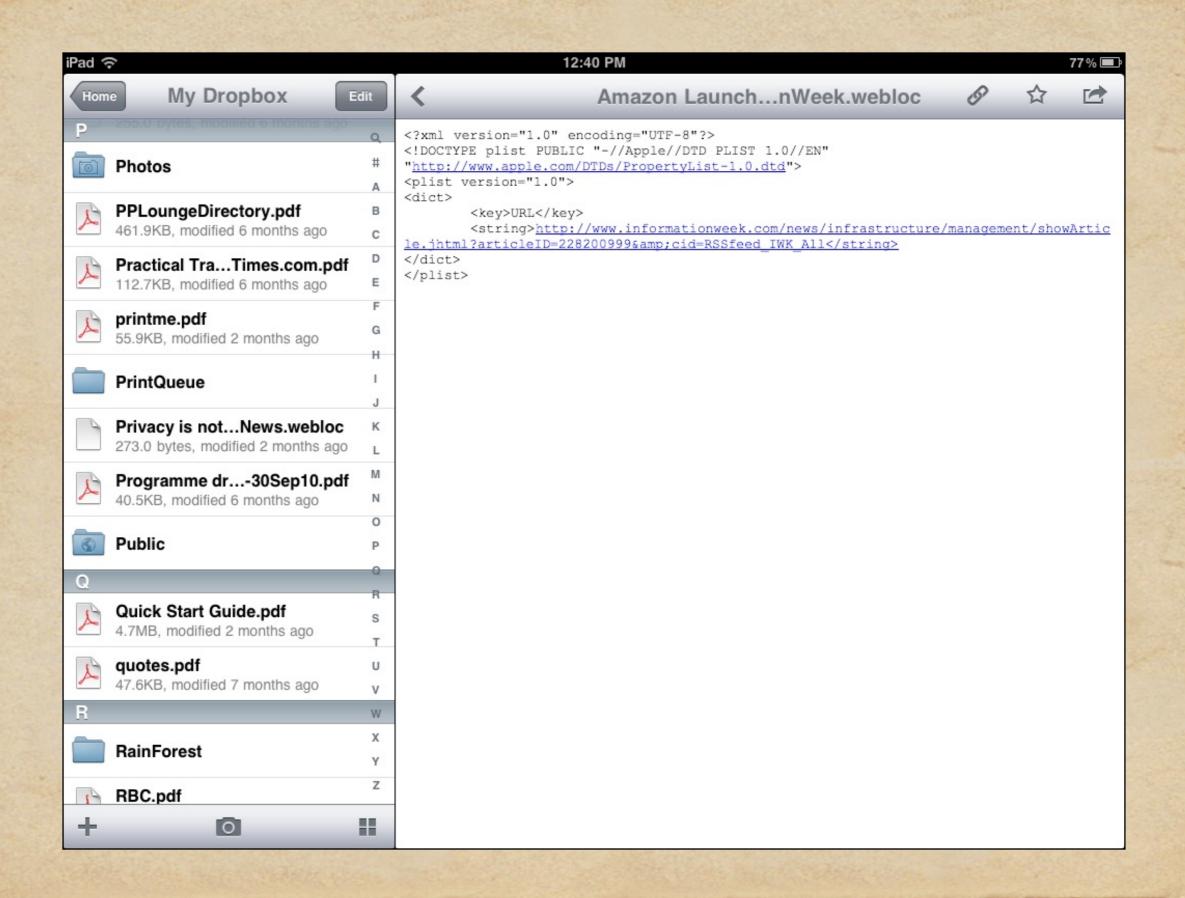


Why Might I Use iSSH?

- Change password
- data.txt > mail bebo@Slac.Stanford.edu
- Program/document editing and development on host system

Dropbox Sharing





The Dropbox Public Folder

- ◆ Default folder
- ◆ Items in this folder can be assigned a URI that can be used in e-mail, etc.
- ◆ Could be used for Web page development & testing?

An Easy FTP

- How many of you have been away and forgotten a file?
- ◆ FTP with no client/server/security hassles
- ◆ Just
 - ◆ Login in remotely
 - Put the missing file in Dropbox

Printing

- ◆ My "PrintQueue" folder is not a default
- ◆ When files are dropped into that folder
 - ◆ Synched with my other DropBox-defined machines
 - Triggers an Automator script that
 - Prints the file to a locally defined printer
 - Deletes the file
- ◆ Not quite AirPrint...but works on more printers

Conclusions

- ◆ The iPad can be an effective substitute for laptops in many common tasks it's not a small PC like a net book- "Swept aside by the laptop and iPad, the net book is no longer a contender" (NYT 2/14/2011)
- ◆ There is a small learning curve in order to make the transition some things are not obvious the touch interface is adaptable
- ◆ The iPad is good for personal work; enterprise TBD
- ◆ The iPad should adapt well to Web-based or cloud-based services
- ◆ The more data/documents that can reside in the cloud, the better
- ◆ Some great apps are available, but more peripheral support is needed

What Might Come in the iPad 2?

- USB might give greater variety in peripherals
- A forward-facing camera could support videoconferencing

♦ ??

Thanks! Your Observations/Experience? Questions?

Bebo@Slac.Stanford.edu