The Professional

Apple Tech's Toolbox

MACTECH PRO EVENTS

Speaker Name

Allen Hancock received his Bachelor's in Early Childhood Education at the University of Missouri - Columbia. In 2000, Allen started the Mac Consulting Group, Inc: an Apple Specialist and Authorized Training Center based in Baton Rouge, Louisiana. There, he found his thrill in helping clients make the most of their computing experiences.

Over the course of his career, he met too many people as they suffered a failing hard drive without a current backup. As a means of preventing such loss, Allen founded Watchman Monitoring, Inc. Its namesake product is a Software as a Service tool which allows service providers to address such problems before it's too late.

These are the tools I use to make me efficient in my consulting life.

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TextWrangler

Feature	Benefit
It's free	One less thing to sell
Opens anything	View details like line endings
Process lines containing	isolate or delete excess info
Multi-File Search/Find All	Shows many instances
Opens binary plists	No need to convert

http://barebones.com/products/bbedit/comparison.html
http://barebones.com/products/textwrangler/benefits.html

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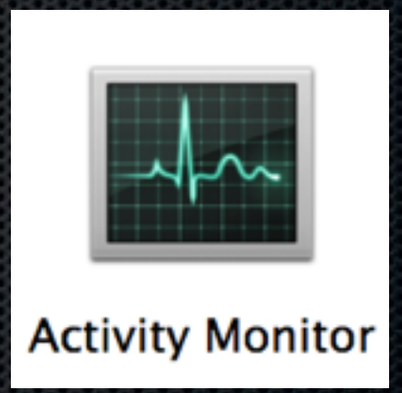
Wrangling CSVs

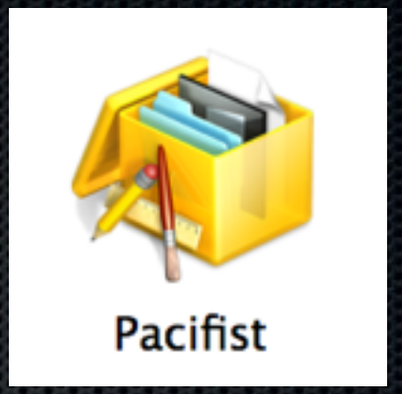
- Handles line breaks with ease
- Split columns on a space, or any other character
- Rearrange columns as needed
- Great developer support
  (feature requests added, bugs fixed)

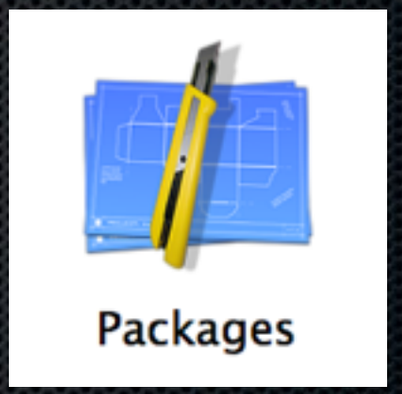
Don’t got root?



- Run an with root permissions using sudo
  - Allows great power from the normal user-space
- Which process is that?
  - Use Activity Monitor to see what that random “java” app is.
- # /Applications/Utilities/Activity\ Monitor.app/Contents/MacOS/Activity\ Monitor
  Find the process in question and Get Info to see what files it’s using.
- Where is all the space?
  - OmniDisksweep the entire disk: http://www.omnigroup.com/more
  - sudo -s, then
    # /path/to/OmniDiskSweeper.app/Contents/MacOS/OmniDiskSweeper
- Command . to quit the app.

Packaging, demystified





- Pacifist
  - Just what's in the package?
  - What are the scripts going to do before, or after?
  - When the rules don't really need to apply… use Pacifist
- Packages
  - "Just make a package"..yeah right. Right!
  - Learn by ~~example~~ feature
  - Put files where they need to be, permissions included
  - Let your end-users run scripts with a pkg

Hello, Who's on my LAN?

- Bonjour Browser
  - Effortlessly discovers Macs and recent printers on your lan. Displays great information for locating devices. Bring your copy & paste!

- Use **arp -a**
  - Address Resolution for discovery.
  - ping 255.255.255.255
  - arp -a for a list of all discovered devices
  - The result is a list of IP and MAC addresses

Man, demystified

- ManOpen
- Free install
- Command O to Open
- Command Shift A to “apropos”

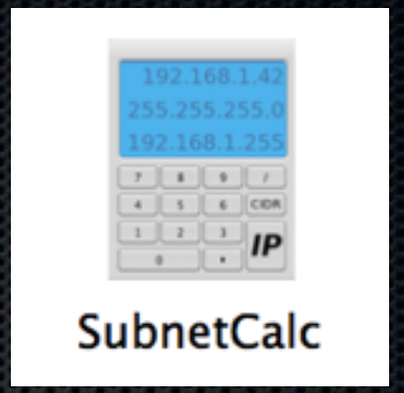
Stream Watching

tcpflow

- What's the benefit? Follow along:
- Download TCPFlow - Rudix
- Figure out which network-interface has the interesting traffic (en0, etc)
- Follow one of these examples:
  - `sudo /usr/local/bin/tcpflow -c -i en0 host 10.0.1.1`
    - Watches all traffic to 10.0.1.1
  - `sudo /usr/local/bin/tcpflow -c -i en1 tcp port 80`
    -Watches all traffic on port 80

- This is especially handy when troubleshooting smtp process, or directory server setup (before enabling ssl)
- Learn more at: http://www.office.mvps.org/troubleshoot/tcpflow.html

Masked addresses?



- SubnetCalc - http://www.subnetmask.info
  - More ways to calculate a mask than I want to know
  - See the ranges, see the broadcast.

- Network PreferencePane
  - Set TCP to manual, enter the ip and mask. Boom, Done

Hey, where's my stuff?

- EasyFind
  - It's fast!
  - Finds anywhere on the filesystem, even inside files
  - So much control you'd think it was Sherlock

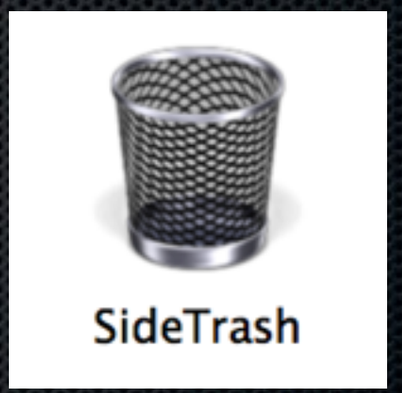
- FoxTrot
  - Indexes data for fast, up to date results
  - Search a network share? OK
    - SMB, NAS, OS X Server #ohsnap
  - Pro Versions can keep a running current index

Dude, where's my screenshot?

- SnapNDrag
  - Simple screenshots of sections, windows etc
  - Keeps all screenshots in a central library
  - Resize, edit in Preview, revert to original
  - Rename & share

- Skitch
  - Advanced options for marking up images,
  - Slow, so I tend to only use it when I need wild arrows everywhere

Get off of my Mac



- BatChmod
  - Keeps all my 755s 755, recursively, if I want.
  - Strip xattr from files with ease.
- chflags
  - chflags nohidden will find that missing volume
- SideTrash
  - Personal favorite, move a file to the trash via Proxy icon
  - You have seen the proxy icon, right? Right!?
  - http://www.yesthatallen.com/sidetrash

Too many ads

- AdwareMedic
  - Worst feature? It has to be run manually
  - Best feature? It has to be run manually

LaunchD-what?

- LaunchControl
  - Discover what's going in your computer.
  - What's being run, from where, when.
  - Troubleshoot background processes

- http://launchd.info - Wonderful resource for learning what makes a Mac mac.

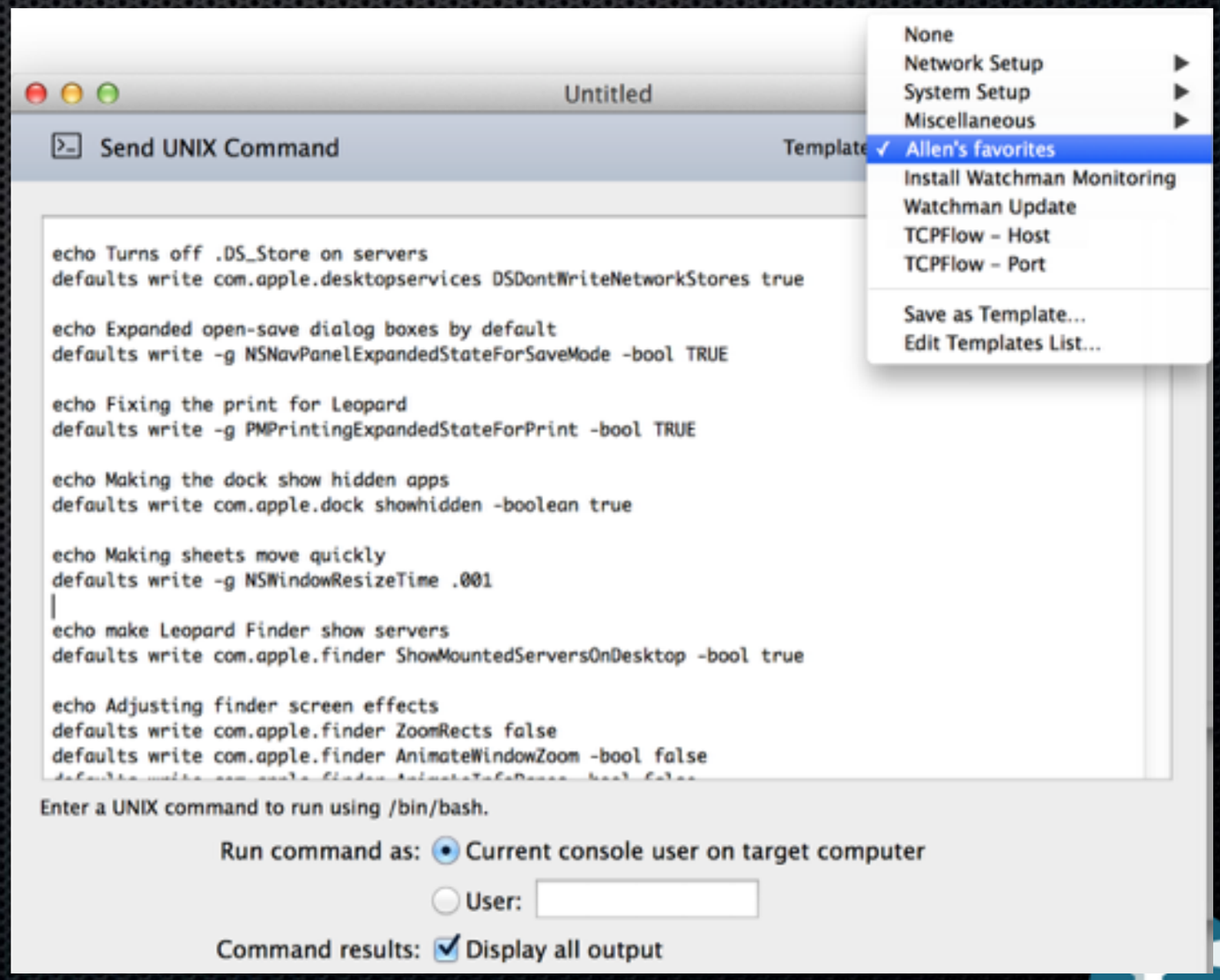
Email tools

- Email Extractor
  - For when [your client] has a bright idea, and needs to email every one they've ever met.

- Emailchemy
  - Ever need to migrate mail from a non-working system?
  - Convert any format to any format.

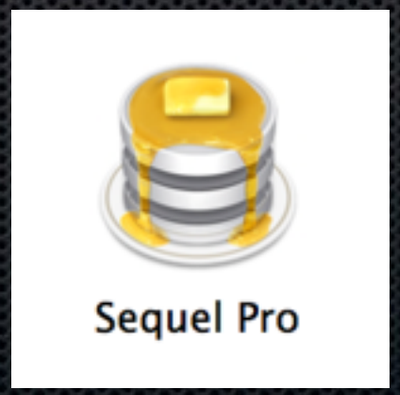
ARD Tips-Save time, improve memory

- Save common items to the sidebar.
- Save scripts as templates
- Repeat!
- Remember!



Database Administration (GUI)

- Sequel Pro - Free, fantastic for MySQL (Free)
- PG Commander - Postgres, simple, friendly ($)



Mac Models

- MacTracker
  - Look up how much RAM you can cram in a mac
  - Can you make it run a decent Mac OS?
  - Settle esoteric bets, stamp out wrong on the internet
- http://www.everymac.com - online runner up

Questions?

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Network Utilities

- WiFi Explorer
- Open Port Check Tool: http://www.canyouseeme.org
- Subnet calculator: http://www.subnetmask.info
- http://www.whatismyip.com
- http://www.downforeveryoneorjustme.com/
- Wireshark
- NetSpot
- Server 4.0 (new reachability feature)

Email Grooming

- MxToolbox
- emailreg.org
- http://multirbl.valli.org/dnsbl-lookup/
- http://www.projecthoneypot.org/
- http://www.mcafee.com/threat-intelligence/ip/default.aspx
- http://www.reputationauthority.org/lookup.php
- http://www.senderbase.org/senderbase_queries/detailip
- https://senderscore.org/lookup.php
- http://www.kloth.net/services/dnsbl.php
- http://www.c-sirt.org/lang/en-us/incidents-on-ip

Web security tools

- http://www.internetofficer.com/seo-tool/redirect-check/
- http://inlinestyler.torchboxapps.com
- http://www.sucuri.com
- https://www.changedetection.com

More Resources

- Not documents, but links to software tools that I find useful:
- Common Ports for Apple Software http://support.apple.com/en-us/HT202944
- [insert_links_to_useful_documents_tools_and_resources_here]