# Pimp My MacTop

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# At last the FT Technology Service Desk have given me a Mac Book Pro -- no SSD though :-(

## GOALS:

- Wanderability and Communicability: Wi-Fi, Email, Calendar, Skype, AIM all figured out and set up
- Visibility and Usability: Big Screen External Display, Mouse, Keyboard, Keyboard Shortcuts
- Productivity: Browsers installed, Command line, VM/Parallels, Web Server/Charles, Check out Code, IDE, Visual Diff, Atlassian Source Tree, etc, Mount network folders, Time machine backup

## QUESTIONS:

- none at the moment

## Here's what I've learned / installed:

- Wi-Fi - Click the Wi-Fi on menu or System Preferences
  - Join other Network
    - FTWLAN1, WPA2 Enterprise Security
- Mac uses the wheel mouse in reverse to Windows -- why, just to be difficult? No, to be like an iPad
  - Applications / System Preferences / Mouse
    - Scroll Direction: natural - off
    - Tracking - as is Notch 4
    - Double-Click - Middle (slower than normal)
    - Scrolling - as is Notch 3
    - Primary Mouse Button - Right
    - On Mac Mouse
      - Middle Button - Mission Control
      - Right of Center - Primary Button
      - Left of Center - Secondary Button
      - Side Buttons - Expose - Desktop
      - Scrolling - Vertical and Horizontal
  - Applications / System Preferences / Keyboard
    - Key Repeat - Fastest

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- Delay Until Repeat - Shortest
- Show Keyboard & Character Viewers in menu bar
  - Input Sources: British and US
- Zooming Screen
  - Applications / System Preferences / Accessibility / Zoom
    - Use Keyboard shortcuts to zoom: yes
      - Alt-Cmd- + - 8 \
    - Use scroll gesture with modifier keys to zoom: yes
      - Ctrl - Wheel or Ctrl Two Finger Slide
- Keyboard and Mouse Windows Equivalents
  - fn backspace = DELETE
  - cmd like CTRL on windows i.e. Ctrl/Cmd X/C/V for Cut Copy Paste

alt right/left - move to end/start of word CTRL RIGHT/LEFT

cmd right/left - move to end/start of line = END/HOME

cmd up/down - move to top/bottom of file = CTRL HOME/END

fn up/down = PGUP/PGDN

shift alt right/left - select to end/start of word = CTRL SHIFT RIGHT/LEFT

shift cmd right/left - select to end/start of line = SHIFT HOME/END

shift cmd/fn up/down - select to start/end of file = CTRL SHIFT HOME/END

- 
  - ctrl left click = RIGHT CLICK
  - two-finger tap/click on trackpad = RIGHT CLICK
  - two-finger swipe U/D = SCROLL WHEEL
  - alt/option drag file = CTRL drag file to copy a file
  - cmd l in finder = create shortcut/alias to file
  - cmd backspace = delete file in finder
  - cmd i in finder = Get Info = CTRL Enter - Properties in windows
  - cmd q = CTRL F4 -  close app sometimes
  - cmd w = CTRL F4 - close window
  - shift ctrl eject = WIN L - lock desktop
  - F11 = Win D Show Desktop (or Mission Control Icon right click Show Desktop)
  - cmd alt esc = force quit - like CTRL SHIFT ESC task manager to quit tasks
  - cmd m = ALT SPC N Minimize Window
  - cmd ctrl shift 3 = CTRL PRTSCN - save screenshot to clipboard
  - cmd shift 3 = save screenshot to PNG file in fixed file location (default desktop)
  - cmd shift 4 = print screen like JING! select an area to capture with mouse
  - cmd shift 4 then space = like JING capture application window
  - Applications / Utilities / Grab = screen shot including menu or cursor
- Keyboard Mac Specific
  - fn F3 Show Mission Control (Virtual Desktops / Dashboard / Full Screen Apps)
  - fn F4 Show Launchpad - like an iPad Home Screen or Windows Start
  - cmd ~ tilde - switch between windows in a MDI application
  - F12 Show Dashboard
- Mouse/Trackpad Mac Specific
  - two-finger swipe scroll left right up down
  - three-finger swipe Up/Dn show Mission Control
  - three-finger swipe L/R switch between Mission Control desktops

- pinch to zoom
- thumb and first three fingers - pinch to show Launchpad (fn F4 also) (spread to hide again)
- Mission Control right click Show Application Windows - show all windows from app and recent documents like TextEdit
- Changing Settings
  - Save location for screen shots (cmd shift 3 or 4)
    - defaults write com.apple.screencapture location /Users/brent.cowgill/Pictures/screen-shots
    - sudo killall SystemUIServer

# Used Daily:

- Admin Rights needed and have user name put into the /etc/shudders file by service desk

# Communications

- Skype Download from Web - (http://www.skype.com)
- AIM for Mac use Adium instead of Pidgin - (http://adium.im/)
- join.me (https://join.me/)
- Mounting network shares - Finder Cmd K (connect to server)
  - smb://nasfs02.ftroot.com/FTUsers/WINUSERNAME - for you windows home folder
  - smb://nasfs01.ftroot.com/Project Management
  - smb://nasfs01.ftroot.com/Service Development/AdsAndPersonalisation
  - smb://ft-wd20552/GaltsGulch
  - smb://ft-wl25388/Rearden Steel
  - ln -s /Volumes/FTUsers/cowgillb
  - ln -s /Volumes/Service\ Development/AdsAndPersonalisation
  - ln -s /Volumes/Project\ Management/Projects
- FT Gmail - http://gmail.ft.com
  - Asked to use Mail, Notes, Calendar and Mesages with gmail - yes
    - Mail confitufation comes up
      - Incoming - POP, pop.gmail.com, user.name@ft.com/paswd
      - Security - use SSL, password
      - Outgoing - smtp.gmail.com, user.name@ft.com/passwd
      - Take account online
      - Mail / Preferences / Accounts / Advanced / Port 995
    - Calendar Sync - http://support.google.com/bin/answer.py?hl=en&answer=1086553
      - Calendar / Preferences / Accounts / + Add
        - Type Google, user.name@ft.com/paswd
        - Refresh every 15 minutes
- Flash Player - http://get.adobe.com/flashplayer/
- Dashboard Widgets
  - Installed
    - lino widget - http://linoit.com/users/linoit-com/canvases/Dashboard%20Widget
    - Developer/ASCII Table
    - Developer/LED Panel
    - Webcam/APOD Viewer

- • Just for Fun/Google Logo
  - • In Use
    - • Weather London/Manila
    - • Calendar
    - • World Clock NY/London/Manila
    - • Calculator
    - • Stocks ^FTSE, PSON.L, GBPEUR=X, GBPCAD=X, GBPUSD=X, GDO.NX
    - • Dictionary
    - • Translate
    - • Unit Conversion
    - • APOD Viewer
    - • Google Logo
- • Screen Saver
  - • • Screen Saver: Reflections / Shifting Tiles
    - • Folder: Pictures/screen-saver/links
    - • Does not find pictures in deep folders - used crontab command and a link-pics.sh script to create links to pictures from Dropbox every 10 minutes
  - • Hot Corners
    - • Top Left - Start/Disable Screen Saver as needed
    - • Top Right - Mission Control
    - • Bottom Left - Application Windows
    - • Bottom Right - Show Desktop

- • XCode - App Store
  - • After it installs, run Xcode (close iTunes) and install device components
  - • Then install command line tools. XCode menu / Preferences / Downloads / Command Line Tools
- • Sublime text editor - http://www.sublimetext.com/
  - • User Preferences File: ~/Library/Application Support/Sublime Text 2/Packages/User/ Preferences.sublime-settings
  - • Some sublime plugins to install:
    - • Sublime Package Control <-- do this first then you can install all other packages via ⇧ + ⌘ + P  type install select Package Control: install package, then type the name of the package to install select it from the list and it'll install
    - • SublimeCodeIntel Auto complete
    - • sublime-text-2-git Run Git commands
    - • sublimetext_indentxml Nicely indent XML
    - • SublimeMaven Run maven commands and use maven as a build system
    - • Sublime-JSHint Run JSHint from sublime, requires jshint to be installed to do this install node.js then run 'sudo npm install jshint --global'
    - • victorporof/Sublime-HTMLPrettify · GitHub Something about making HTML/Javascript pretty
  - • Keyboard Commands
    - • cmd p - type filename
    - • cmd p colon line-number
    - • cmd p @ method
- • Charles Proxy - http://www.charlesproxy.com/download/latest-release/download.do
  - • May need to set your network proxy settings to point to charles on 127.0.0.1 and your specific port number used.
  - • There is a mac extension for charles for firefox - http://mac.softpedia.com/get/Internet-Utilities/ Firefox-Extensions/Charles-Exten sion.shtml
- • Homebrew - the missing package manager for Mac - http://mxcl.github.com/homebrew/

- brew install tree
- brew install wget
- brew install dos2unix
- brew install hexedit
- brew install mc
- brew install lynx
- brew install colordiff
- brew install netcat
- brew install bash-completion
- brew install wdiff
- brew install md5deep
- brew install links
- brew install tiff2png
- brew install imagemagick
- EasyFind - Spotlight alternative - (http://www.macupdate.com/app/mac/11076/easyfind)
- updatedb/locate command not working (http://rickbeacham.com/?p=8)
  - Something screwey with file permissions. Was able to manually generate the locate database and created a bash alias to do this manually
  - alias updatedb='sudo /usr/libexec/locate.updatedb; sudo chmod ugo+w /var/db/locate.database; / usr/libexec/locate.updatedb; sudo chmod ugo-w /var/db/locate.database'
- Spark - Hotkey manager - http://www.macupdate.com/app/mac/14352/spark
  - Create New Hotkey for EasyFind use cmd space and disable the spotlight hotkeys in spotlight preferences
- TODO - iExplorer - Applications / Self Service / Utilities / iExplorer - view your iPad like a USB disk
- FileZilla - FTP/SFTP client - Applications / Self Service / File Transfer and Network Tools / FileZilla
- Fonts - MillerText, Zapf Dingbats etc from FT Self Service
  - ProFontWindows True Type Font installed from web site
- Dropbox - installed from dropbox.com
- Techsmith Jing - installed from Jing website.
  - Changed save directory to Dropbox/Photos/_c_dropbox_jing
  - Changed default Mac screen capture location to Dropbox/Photos/_c_dropbox_jing
- Synergy - to control other computer with mouse/kb - http://synergy-foss.org/download/
  - Mac OSX Version is 1.4.10. It says connecting to client version 1.3 -- Windows versions 1.4.3 may need to upgrade them first.
  - It works with the Mac as the server and the winbox older synergy as the client but not vice versa.
  - After upgrading the windows versions it works both ways
  - Controlling the mouse on the windows boxes was not good, the mouse appeared to snap to an invisible grid.
    - Configure Server / Advanced server settings / use relative mouse moves

# Browsers

- Google Chrome (with extensions) (http://www.google.com/chrome?hl=en-GB-GB)
  - Chrome Web Store https://chrome.google.com/webstore
  - Tomatoist (Pomodoro timer https://chrome.google.com/webstore/detail/kcbpakgmhajgnehloaefofoppgmpaega)
  - Session Buddy (https://chrome.google.com/webstore/detail/edacconmaakjimmfgnblocblbcdcpbko)
    - Settings / Appearance / Position the navigation pant on the right

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- Angry Birds ;-)  [for pomodoro breaks, you know] (https://chrome.google.com/webstore/detail/aknpkdffaafgjchaibgeefbgmgeghloj)
- Angry Birds Theme (https://chrome.google.com/webstore/detail/jadkpnphpijodcognhffgcfkleekcjoo?hl=en -GB)
- Fiery Horse Theme (https://chrome.google.com/webstore/detail/fiery-horse-chrome-theme/miipddolmnknm piednnbijmeogpdgknp)
- Tiesto Theme Dark and readable (https://chrome.google.com/webstore/detail/ti%C3%ABsto/mnmeobddjkkgkglnogihcaejal eikhdh?hl=en)
- IE Tab (http://www.ietab.net)
- Resolution Test (https://chrome.google.com/webstore/detail/resolution-test/idhfcdbheobinplaamokff boaccidbal)
  - Window resizer for testing layout
- Window Resizer (https://chrome.google.com/webstore/detail/window-resizer/kkelicaakdanhinjdeammmi lcgefonfh)
  - Like resolution test but shows a popup with window size as you resize it - more useful
- Javascript Beautifier (https://chrome.google.com/webstore/detail/pnldlbhphmlbhgjbbjojpidlemceicco)
- JSLint (https://chrome.google.com/webstore/detail/jllekaioicnhoinolncnmofahonmmaio)
- Send from Gmail (https://chrome.google.com/webstore/detail/pgphcomnlaojlmmcjmiddhdapjpbgeoc)
- SPDY Indicator (https://chrome.google.com/webstore/detail/mpbpobfflnpcgagjijhmgnchggcjblin)
- JSONView and JSONLint (https://chrome.google.com/webstore/detail/jsonview-and-jsonlint-for/mfjgkleajnie iaonjglfmanlmibchpam)
- Collusion for Chrome (https://chrome.google.com/webstore/detail/collusion-for-chrome/ganlifbpkcplnldli ibcbegplfmcfigp/related)
- URL Shortener (https://chrome.google.com/webstore/detail/urlshortener/appbcbjpnlfggijahjcomlodc dmnpeej/related)
- Syntaxtic - Code Syntax highlighter (https://chrome.google.com/webstore/detail/syntaxtic/cgjalgdhmbpaacnnejmodfinclbd gaci/related)
- Awesome Screen Shot Capture and Annotate (https://chrome.google.com/webstore/detail/awesome-screenshot-captur/alelhddbbhep gpmgidjdcjakblofbmce/related?hl=en)
- TODO - Downloads folder change - chrome://settings/advanced
  - I:\\AdsAndPersonalisation\Downloads\WinPC
- Google Chrome Canary - the latest features in web debugging (http://tools.google.com/dlpage/chromesxs)
- Mozilla Firefox (and plugins, extensions) (http://www.mozilla.com/en-US/firefox/new/)
  - Session Manager Extension
    - Copy sessions from Windows laptop. Go to Session Manager on Wintop and click open sessions folder. Zip up the contents
    - Copy to the Mac and open sessions folder on the Mac. Close Firefox, unzip the session files there and restar firefox.
  - Session Manager Export Tool Extension
  - Firebug Extension (now includes Firecookie)
  - Eventbug Extension
  - Illuminations for Developers for Firebug Extension
  - Web Developer Extension
    - Added Resize settings iPhone portrait/landscape 320x480; iPhone4 640x960; iPhone5 640x1136; iPad 768x1024; iPad3 1536x2048
    - Added Responsive Design settings for these sizes as well.
  - Cookie Watcher Extension (FTQA)
  - FoxClocks (UK, Manila, GMT/UTC, Cyprus)
  - FoxyProxy Standard
    - Add Proxy Dev Proxy: color #5BFA1B (green)
      - Automatic Proxy configuration: http://websense.ft.com/devproxy.pac
    - Add Proxy No Proxy: color #FC1717 (red)

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- - Default Proxy color #65BAD7 (cyan)
  - Yslow
  - MeasureIt
  - Flagfox
    - turn on tinyurl, it down or just me, page metadata, traceroute
  - Lavafox Appearance
  - Tilt 3D (now included in Web Developer menu)
  - User Agent Switcher
    - Then import Steve Chambers' configuration file with various user agents
    - file://nasfs01/service%20development/AdsAndPersonalisation/Downloads/useragentswitcher.xml
- Opera (http://www.opera.com/)
  - Enable Opera Link Synchronization
    - Click the little cloud / refresh icon at bottom left of Opera's chrome and put in account details

# Development

- Google App Engine Setup
  - Google Web Toolkit GWT download - https://developers.google.com/web-toolkit/download
  - GWT Getting Started https://developers.google.com/web-toolkit/gettingstarted
    - I appear to already have the prerequisites Java SDK (javac command exists) and Apache ant command exists.
    - Downloaded the GWT zip and unzipped to user dir and created a symlink
      - cd ~; mv Downloads/gwt-2.5.0.rc2/ .
      - ln -s gwt-2.5.0.rc2 gwt
      - cd gwt
      - chmod u+x webAppCreator
      - ./webAppCreator -out MyWebApp com.mycompany.mywebapp.MyWebApp
      - cd MyWebApp/
      - ant devmode
      - Google Chrome http://127.0.0.1:8888/
      - DevMode App Url: http://127.0.0.1:8888/MyWebApp.html?gwt.codesvr=127.0.0.1:9997
      - prompted to download GWT Plugin for Chrome but tells you can only be installed from Chrome Web Store but that doesn't work.
      - Installing GWT in Chrome with Web Store warning http://techie-buzz.com/browsers/chrome-blocking-extension-apps-scripts-chrome-we b-store.html
      - Click to download the plugin and it is saved as gwt-dev-plugin.crx
      - put chrome://extensions in Google Chrome URL bar. then drag the crx to that tab with finder to install it.
      - Restart Chrome and you should be good.
      - NOPE - worked once then get Could not load GWT DevMode plugin. Tried downloading the plugin for Safari but doesn't work with Safari 5.1 - could download an older safari or OmniWeb 5.11
        - OmniWeb 5.11. - http://www.omnigroup.com/products/omniweb/
        - Older Safari - http://mac.oldapps.com/safari.php

- - - - Will not bother right now, as we don't run as an app, using appengine only as a hosting method
      - Build production version -- ant build
  - App Engine SDK for Java (https://developers.google.com/appengine/downloads#Download_the_Google_App_Engine_SDK)
    - cd ~; mv Downloads/appengine-java-sdk-1.7.2.1/ .
    - ln -s appengine-java-sdk-1.7.2.1/ appengine-java-sdk
  - App Engine Launcher for Mac: http://googleappengine.blogspot.co.uk/2008/05/app-engine-launcher-for-mac-os-x.h tml
- Eclipse Juno Setup - (https://yoxos.eclipsesource.com/downloadEclipse.html)
  - - Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE, JPA, JSF, Mylyn and others.

    INCLUDES JavaScript Perpsective

  - After download, extract it and move the eclipse directory it creates to your home folder. DO NOT MOVE the Eclipse.app to Applications. Leave it in the ~/eclipse folder. You can start eclipse from the command line with ~/eclipse/eclipse shortcut or make an Alias for Eclipse.app and move that to Applications.
  - To install remaining features that were part of the discontinued Eclipse for JavaScript version there is an eclipse command you can use from this bug report (https://bugs.eclipse.org/bugs/show_bug.cgi?id=355602) I removed the help feature as the J2EE version installed one already.
  - Using /Users/brent.cowgill/sandbox as the workspace directory
  - Open JavaScript Perspective and create a new project jsplay and place in the sandbox directory for testing.
  - Connect to Rally - Window / Open Perspective / Planning
    - Click the add dropdown and Add Repository / Install More Connectors / Rally Mylyn Connector
    - Wait for install and restart of eclipse
    - A Connect Mylyn notification appears - click it and add username and password. Financial Times Workspace and Advertising Program
- Install subclipse
  - Help / Eclipse Marketplace
    - Search for subclipse and install Subclipse - restarts Eclipse
  - Window / Open Perspective / Other / SVN Repository Browsing
    - Click the Add SVN Repository icon and add these Url's
      - Root: svn://anthill.svc.ft.com/repo
      - Mobile Ads: svn://anthill.svc.ft.com/repo/online/website/ft-mobile/trunk/src
      - Ads Admin Tools: svn://anthill.svc.ft.com/repo/online/website/commons/trunk/javascript/ft-advert ising
      - Falcon Ads: svn://anthill.svc.ft.com/repo/online/website/ft-cms/trunk/ft-cmsWeb/src
- Install Google Plugin for Eclipse 4.2
  - Help / Eclipse Marketplace
    - Search for Google plugin - FAILED Unable to read repository at http://dl.google.com/eclipse/plugin/4.2/content.xml read timed out
- TODO Set up Javascript project for ft-ad-enablement
- Install Color Theme switcher
  - Help / Eclipse Marketplace
  - Search color theme
  - Install Eclipse Color Theme and after restart
  - *Window#Preferences#General#Appereance->Color Theme*
    - frontenddev is nice

- • Oblivion is almost good but has dark gray background
  - • Profont 18 - Set this as default in Eclipse

    - • Eclipse / Preferences / General / Appearance / Colors and Fonts / Basic
      - • Text Font (was Monaco 11)
      - • Text Editor Block Selection Font (was Courier 10)
      - • Changing these will affect all the various language based fonts (Java, etc)
- • Mouse cursor bigger size
  - • System Preferences / Accessibility / Display / Cursor Size slider

  - • Mouse Locator (http://www.2point5fish.com/download.html)
    - • Can show clicks as well and have it activate automatically when mouse is idle for some seconds.
    - • Ctrl Space activates

    - • Alternative icons for mouse locator (http://www.2point5fish.com/gallery.html)
    - • place in ~/Pictures/MouseLocator.png
    - • Large Red Square is good

  - • Omnidazzle (http://www.omnigroup.com/products/omnidazzle/) like mouse trails
    - • Use Ctrl ` to turn on/off or Shake the mouse. Pixie dust is very cool. Has many other effects.
- • Install Node.js a command line version of javascript interpreter (http://nodejs.org/download/)
- • Atlassian SourceTree for viewing of GIT repositories (http://www.sourcetreeapp.com/download/)

# Editors

- • 
  - • SourceGear DiffMerge (http://www.sourcegear.com/diffmerge/)
    - • Tools / Options / File Windows
      - • Window Font and Printer Font set to ProFont Windows 10 pt
      - • File Windows / Rulesets
        - • Copy the Java Ruleset and name it Javascript Source
          - • File extension "js js.nocheck"
          - • In Content Handling, copy the double quoted string rule and modify for single quoted strings
  - • Modify color settings for black background.

Line Colors

FG-RGB   BG-RGB

255255000 000000000 Identical Lines

255000000 064000000 Changes in File Diff Windows

000255000 000064000 Matching Changes in File Merge Windows

000000255 000000064 Non-Matching Changes

255000000 064000000 Conflicts

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Intra-Line Colors

128128128        Identical Content within Changes Lines

135073061 064000000 Changes in File Diff Windows

098149136 000128000 Matching Changes in File Merge Windows

        000000064 Non-Matching Changes

135073061 072013000 Conflicts


Other Colors

        000000000 Window

054054054 000000000 Lines Omitted from Analysis

030030030        EOLs Omitted from Analysis

040040040 000000000 Voids

098149136 000000000 Line Numbers

255255255        Caret

255255000 000000255 Selection


Folder Colors

210000000 000000000 Non-Equal Files

128128128 000000000 Equivalent Files

255255255 000000000 Equal Files

255255255 000000000 Folders

000000200 000000000 Peerless Files

000000200 000000000 Peerless Folders

255000000 000000000 Errors

Tomighty Pomodoro Timer (http://www.tomighty.org/)

GIMP - install from self-service

Dragthing - kind of like Fences for Windows (http://dragthing.com/english/download.html)

Lock Me Now - From App Store (http://www.maclife.com/article/howtos/how_quickly_lock_your_mac)

- Allows you to lock the desktop immediately like the Win L key on windows
- Preferences hot key set to Alt Cmd L

Oracle VirtualBox (https://www.virtualbox.org/wiki/Downloads)

- Copied virtual box snapshots from shared drive. to /Users/brent.cowgill/virtual-boxes
- Import the Win7 virtual box
- Configured USB hub to disable USB 2.0 support
- Configure shared directories
    - /Users/brent.cowgill/sandbox
    - /Users/brent.cowgill/Dropbox
- Start up the virtual box
- Not enough disk space to install Charles. Instead just try adding to network and use proxying to access the charles on the Mac.
- How to set up so that can run the ads code in QUnitChainer?
    - VirtualBox VM / Machine / Settings / Network / Adapter 1
        - Change from NAT to Bridged Adapter no need to restart the VM.
        - Within the VM command window ipconfig /all will show you have an ip address on the FT network now.
        - Look up the MacTop ip address nslookup FT-MW4297.osb.ft.com to verify you can connect.
    - Within the VM Change System settings -- Control Panel / System and Security / System:
        - Computer Name: FT-MW4297-VMWIN
        - Full Computer Name: FT-MW4297-VMWIN-FTROOT.com
        - Computer Description: WIN7 Virtual Machine on Mac FT-MW4297
        - Domain FTROOT.com
        - NOTE: after this unable to make system changes as not an admin account. May need to reset the VM from initial image and try again.
    - After Restart set proxying.
        - Internet Explorer / Gear Icon / Internet Options / Connections / LAN settings
            - Automatically detect settings: no
            - Use automatic configuration script: no
            - Proxy Server Use a proxy server: yes

- ft-mw4297.osb.ft.com port 58008
- When Charles is running on the Mac you will see a trying to connect message, click OK

Splunk - (http://docs.splunk.com/Documentation/Splunk/latest/Tutorial/InstallSplunk#Install_on_Mac_OS_X)

TextMate - Editor for mobile mastery course (http://macromates.com/)

Wireshark - Network Protocol Analyser (http://www.wireshark.org/download.html)

Chimoo Timer - Used for making video timing of page loads (http://www.macupdate.com/app/mac/13029/chimoo-timer)