

## Perl on Mac: Bob Proctor - Cove Apple Club - 1/19/11

- What is perl?
  - Programming & Scripting Language
  - Command Line Tool
  - It's part of your Mac
  - It's Free! It's Open Source
- "Learning Perl" by Randal L. Schwartz & Tom Christiansen, O'Reilly & Associates, Inc.
- Example: Bob's Hot Links
  - Perl creates a Web Page with Bookmarks
    - New Windows open in Tabs
    - Makes your bookmarks portable when you use different machines
  - The perl program
    - Reads a source file (a text file)
    - Parses data and stuffs it into associative arrays
    - Writes html
  - <http://bobshomebrew.net/hot/index.htm>
- How it works
  - Use text editor to create or update "Source File"
  - Run perl program
    - From the command line in a terminal window
    - With automator app
    - Write the created directory to a Web Site with FTP
- How to setup Automator
  - Launch automator app; Select: "Create app"
  - Type 'automator' into search window
  - Drag 'Run Shell Script' into right window
  - Paste in shell command (control file) to run perl
  - Save as app: "HotLinks.app" in *some directory*
  - Drag "HotLinks.app" from *some directory* to the Dock

### Sample control file

```
/Users/rproctor/bin/HotLinksLongNew.pl -In master.txt -Out hot -List List \  
-URLL /Users/rproctor/data/HomePage_HotLinks/ \  
-URLW /Users/rproctor/data/HomePage_HotLinks/
```

### Sample Source File

```
hot_title:: Bob's Hot Links  
hot_cat:: Bobs  
hot:: "BobsHomeBrew" http://www.bobshomebrew.net/  
hot:: "Bobs_Hot" http://bobshomebrew.net/hot/  
hot:: "Cove_Apple_Club" http://coveappleclub.com/  
hot_cat:: Search  
hot:: "All_My_Favs" http://www.allmyfaves.com/  
hot:: "Google" http://google.com/  
hot:: "Wikipedia" http://www.wikipedia.org/  
__END__
```