

CocoaHeads Aachen
Tool Talk 2017-10-26
www.cocoaheads.de

Database / Models

- MariaDB**
 - Sequel Pro <http://sequelpro.com> (client application)
 - Coda <https://panic.com/coda/> (text editor with database connectivity)
 - phpMyAdmin <https://www.phpmyadmin.net> (web application for administration and querying)
 - MySQL Workbench <https://www.mysql.com/de/products/workbench/> (administrates AWS servers (and others))
- SQLite**
 - SQLite <https://sqlite.org> ("SQLite is a self-contained, high-reliability, embedded full-featured, public-domain, SQL database engine.")
 - SQLite Pro <http://www.sqlitepro.com> ("A simple, powerful SQLite manager for macOS")
- Core Data**
 - Core Data Editor <https://github.com/ChristianKienle/Core-Data-Editor> ("Core Data Editor lets you easily view edit and analyze applications' data.") (data visualisation)

Documentation

- Markdown**
 - MacDown <https://macdown.uranusjr.com> ("The open source Markdown editor for macOS")
 - FoldingText <http://www.foldingtext.com> ("Unlike other editors, FoldingText does outlining, todo lists, and more")
 - MultiMarkdown Composer <http://multimarkdown.com> ("It makes writing in MultiMarkdown (or Markdown) even easier than it already is, with automatic syntax highlighting built in previews, and much more...")
- API-Dokumentation**
 - Swagger <https://swagger.io> (Demo <https://esi.tech.ccp.is>) (-> "Swagger Spec" -> Paw)
- TeX**
 - texpad <https://www.texpad.com> ("Smoothest way to write LaTeX")
- Jazzy** <https://github.com/realm/jazzy> ("command-line utility that generates documentation for Swift or Objective")
- Monodraw** <https://monodraw.helftone.com> (Powerful ASCII art editor designed for the Mac.)

Networking

- Charles Proxy** <https://www.charlesproxy.com> (network traffic analysis) (Breakpoints in Calls Request / Response)
- mitmproxy** <https://mitmproxy.org> ("Think tcpdump for HTTP - the same functionality as mitmproxy without the frill!")
- mitmdump** <https://mitmproxy.org>
- Paw** <https://paw.cloud> ("The most advanced API tool for Mac") (Free Trial / 50 €)
- Postman** <https://www.getpostman.com> ("Developing APIs is hard - Postman makes it easy") (Paw for poor people)
- Wireshark** <https://www.wireshark.org/> ("Wireshark is the world's foremost and widely-used network protocol analyzer")
- Angry IP Scanner** <http://angryip.org> ("Angry IP Scanner (or simply ipscan) is an open-source and cross-platform network scanner designed to be fast and simple to use.")

System Tools

- FTP**
 - Cyberduck <https://cyberduck.io> ("Cyberduck is a libre FTP, SFTP, WebDAV, Amazon S3, OpenStack Swift, Backblaze B2, Microsoft Azure & OneDrive, Google Drive and Dropbox browser")
 - Transmit <https://www.panic.com/transmit/> ("Transmit is a highly flexible and intuitive FTP client")
- Firewalling**
 - Little Snitch <https://obdev.at/index-en.html> ("Makes the invisible visible")
 - Micro Snitch <https://obdev.at/products/microsnitch/index-en.html> ("Know when someone spies on you!") (monitor application for microphone and camera access macOS)
 - OverSight <https://objective-see.com/products/oversight.html> (monitor application for microphone and camera access macOS)
- File System**
 - Etcher.io <https://etcher.io> ("Burn images to SD cards & USB drives, safely and easily")
 - Suspicious Package <http://www.mothersruin.com/software/SuspiciousPackage/get.htm> (visualises installation tasks / contents of PKG file)
 - AppCleaner <https://freemacsoft.net/appcleaner/> ("AppCleaner is a small application which allows you to thoroughly uninstall unwanted apps")
 - Tuxera <https://www.tuxera.com> ("NTFS for Mac")
 - Paragon CampTune <https://www.paragon-software.com/de/home/camptune/> (manages harddisk storage on Macs with Boot Cam)
- Storage**
 - OmniDiskSweeper <https://www.omnigroup.com/more> ("Delete with an Iron Fist")
 - JDiskReport <http://www.jgoodies.com/freeware/jdiskreport/> ("JDiskReport enables you to understand how much space the files and directories consume on your disk drives, and it helps you find obsolete files and folders.")
 - DaisyDisk <https://daisydiskapp.com> ("What's taking up your disk space?")

Time Tracking

- Pomodoro applications**
 - time organisation for working tasks
 - frame-based timeframes
- mite**
 - web-based time tracking <https://mite.yo.lk>
- TimeBudget for iOS**
 - "TimeBudget is a goal based time tracker. It encourages you to reach your goal while giving you the freedom of spending time on a project whenever you feel like it." <https://timebudgetapp.com> (by bitecode AKA Michael Ochs)
- Harvest** <https://www.getharvest.com> ("Time tracking and reporting that let you operate with insight.")

Concepts

- Prototyping**
 - Sketch <https://www.sketchapp.com> ("The digital design toolkit")
 - InVision Studio <https://www.invisionapp.com/studio> ("The world's most powerful screen design tool")
 - Mockup.io <https://mockup.io/about/> ("Visualize and Collaborate on Mobile App Design")
 - Adobe XD <https://www.adobe.com/de/products/xd.html>
- API**
 - Swagger <https://swagger.io> ("The world's most popular API tooling") (Demo <https://esi.tech.ccp.is>) (-> "Swagger Spec" -> Paw Pro-Tip)
- View Debugging**
 - Reveal <https://revealapp.com> ("Inspect. Modify. Debug.") ("Reveal brings powerful runtime view debugging to iOS developers")
- Mindmapping**
 - Mindnode <https://mindnode.com> ("Delightful Mind Mapping for your Mac, iPad, and iPhone")
 - Omnigraffle <https://www.omnigroup.com/omnigraffle> (cute designs) (Pro-Tip: open Xcode projects in OmniGraffle to create a Mind Map)
 - OmniOutliner <https://www.omnigroup.com/omnioutliner> (Lists, Structures good for serialised Mindmaps ->)
 - Lucidchart <https://www.lucidchart.com> ("Lucidchart is Your Flowchart Maker") (Web App)
 - draw.io <https://www.draw.io> (variety of diagrams) (free Web App)
- Skribbles**
 - Xcode-Storyboards (educate designers in using Xcode) (conceptual idea) (might be a challenge)
 - Quartz Composer <https://developer.apple.com/library/content/documentation/GraphicsImaging/Conceptual/QuartzComposerUserGuide/> (Prototyping Design-Interactions) (part of the developer tools) (from Apple) (shaders etc. integrated execution of graphics processing code) (Blog <https://quartzcomposer.co.uk>)
- Grafik**
 - Paintcode <https://www.paintcodeapp.com> ("Turn drawings into SVG code with PaintCode 3") (see ASCII art ;-))
 - xxd <https://www.paulhatch.com/projects/2012/xxd/> (xxd - make a hexdump or do the reverse) (already on your Mac) (commandline-tool)
- Keynote**
 - Iterative UI Design <https://developer.apple.com/videos/play/wwdc2016/805/>
 - WWDC 2016 - Session 805 ("Keynote is also a powerful tool for exploring, iterating and refining user interface layouts and workflows.")

Misc.

- Clipboarding**
 - Flycut <https://itunes.apple.com/us/app/flycut-clipboard-manager/id442160987?mt=12> ("Flycut is a clean and simple clipboard manager for developers")
 - Pastebot <https://tapbots.com/pastebot/> ("Command Copy & Paste.") (filters out sensible 1Password entries) (copy HTML) (Filter) (plaintext filter)
 - Alfred <https://www.alfredapp.com/help/features/clipboard/> ((not only) Spotlight replacement) (clipboard history management)
- Productivity**
 - Alfred <https://www.alfredapp.com/help/features/clipboard/> ((not only) Spotlight replacement) (clipboard history management)
 - LaunchBar <https://obdev.at/products/launchbar/index-de.html> ("Start with a single keyboard shortcut to access and control every aspect of your digital life.")
 - BetterTouchTool <https://www.boastr.net> (window management) (keyboard gestures) (simplify user input)
 - Divvy <http://mizage.com/divvy/> ("window management at its finest")
 - Magnet <http://magnet.crowdcafe.com/> ("Magnet keeps your workspace organized.")
- Password Management**
 - 1Password <https://1password.com>
 - KeepassXC <https://keepassxc.org> ("KeePass Cross-Platform Community Edition")
 - Keychain (elegantly usable starting with iOS 1)

Backend-Mockups

- Backend-Mockups**
 - Charles Proxy <https://www.charlesproxy.com> ("Web Debugging Proxy Application.") (map REST endpoints onto local files)
 - mitmproxy <https://mitmproxy.org> ("An interactive console program that allows traffic flow to be intercepted, inspected, modified and replayed.")
 - Mastermind <https://github.com/ustwo/mastermind> ("Mastermind is a CLI using mitmproxy that offers a easy way to mock a service (e.g. API, Website)")