CocoaHeads Aachen Tool Talk 31.7.2014

SCM

- **Git**
  - Clients
    - Tower
      - nice UI +
      - crashes when commiting 1000+ files -
    - SourceTree
      - free +
      - sometimes unreliable -
  - Git Flow
    - integrated in Tower, SourceTree — workflow tool
    - defines naming scheme for branches and merge +
  - Xcode integration
    - mandatory for Xcode Server
    - rudimetary implementation
    - only limited feature set -
  - Versions
  - Repository Hosting
    - GitHub — used by lots of public repos
    - Bitbucket — unlimited private repositories for free / unlimited repo space +
    - GitoLite — locally usable server software
    - number of users limited to 3
  - line-based commit useful for non-code, i.e. LaTeX publications
- **Mercurial**
  - similar to Git
  - free
- **SVN**
  - Clients
    - svnX
    - BBEdit integration
  - Repository Hosting
    - Google Code
- **SVN -> Git** 💡
  - svn2git — locally used git repo pushes on svn remote
  - transition
    - takes some time
    - requires changes in workflow
    - proper use of git workflow results in less merge conflicts

UI Tools

- **Reveal**
  - targets iOS
  - gives insight into an app's views
  - good for debugging
  - launched by debugger
  - accessible via WiFi
  - does not access CALayer -
- **FLEX**
  - Flipboard Explorer
  - https://github.com/Flipboard/FLEX
- **Interface Builder**
  - Autolayout in Xcode 6 quite feature-complete...
- **App Icon Template**
  - helps designing app icons
  - by PixelResort
  - http://www.pixelresort.com/blog/app-icon-template/

Databases Helpers

- **MySQL**
  - MySQL Workbench
  - phpMyAdmin / Adminer
- **SQLite**
  - Navicat

Frameworks

- **RESTkit**
  - open-source
  - Objective-C framework for iOS
  - provides good object mapper
  - encapsules AFNetworking
  - difficult to integrate -
- **CocoaPods**
- **AFNetworking**
  - supports NSURLSession
  - excessively uses NSOperations
  - XML operations

Documentation

- **Dash**
  - self documenting code ;-)
  - instant offline access to API documentation sets
  - http://kapeli.com/dash
- **AppleDoc**
  - parses javadoc headers
  - creates Xcode doc set
  - currently no Mavericks support
  - https://github.com/tomaz/appledoc
- **VVDocumenter**
  - Xcode plug-in

Prototyping

- pen & paper
- **Antetype** — http://www.antetype.com
- **Justinmind** — http://www.justinmind.com
- **Briefs** — http://giveabrief.com

Project Mgmt.

- Hansoft
- Jira
- Confluence
- Redmine

Continuous Integration

- HockeyApp
- Jenkins
- Xcode server
- TestFlight

Testing

- Sauce Labs — server-based browser simulation

Analytics

- Flurry — developer-centric mobile app usage measurement
- millennial media
- Capptain
- App Annie — requires iTunes Connect credentials
- AppViz — available as iOS and OS X app
- Google Analytics
- Appbot

Misc.

- **ORIBrowser**
  - Objective-C Runtime Information
  - https://github.com/McZonk/ORI
- **PaintCode**
  - Vector drawing application
  - output — Core Graphics Code
- **Keyboard Maestro**
  - keyboard macros
  - multiple clipboards
  - www.keyboardmaestro.com

Diagramming

- OmniGraffle
- Gliffy — Confluence extension
- LucidCharts
- UMLet

Servers

- **CodeIgniter Rest Server**
  - PHP framework
  - a fully RESTful server implementation
  - https://github.com/chriskacerguis/codeigniter-restserver

Tutorials

- regex.alf.nu
- stackoverflow.com
- regular-expressions.info
- raywenderlich.com
- nshipster.com
- iosdevweekly.com
- objc.io

Text Editors

- Code Runner — edit and run code in any programming language
- PyCharm — http://www.jetbrains.com/pycharm/
- Mou — Markdown editor / http://mouapp.com
- TextWrangler — free version of BBEdit / good RegEx support
- TextMate
- Coda
- Sublime Text 2 — + intelligent column text selection / multi-selection
- vi

IDE

- Xcode
- AppCode

Xcode plug-ins

- VVDocumenter — https://github.com/onevcat/VVDocumenter-Xcode
- Alcatraz — package manager
- FuzzyAutocomplete — https://github.com/FuzzyAutocomplete/FuzzyAutocompletePlugin