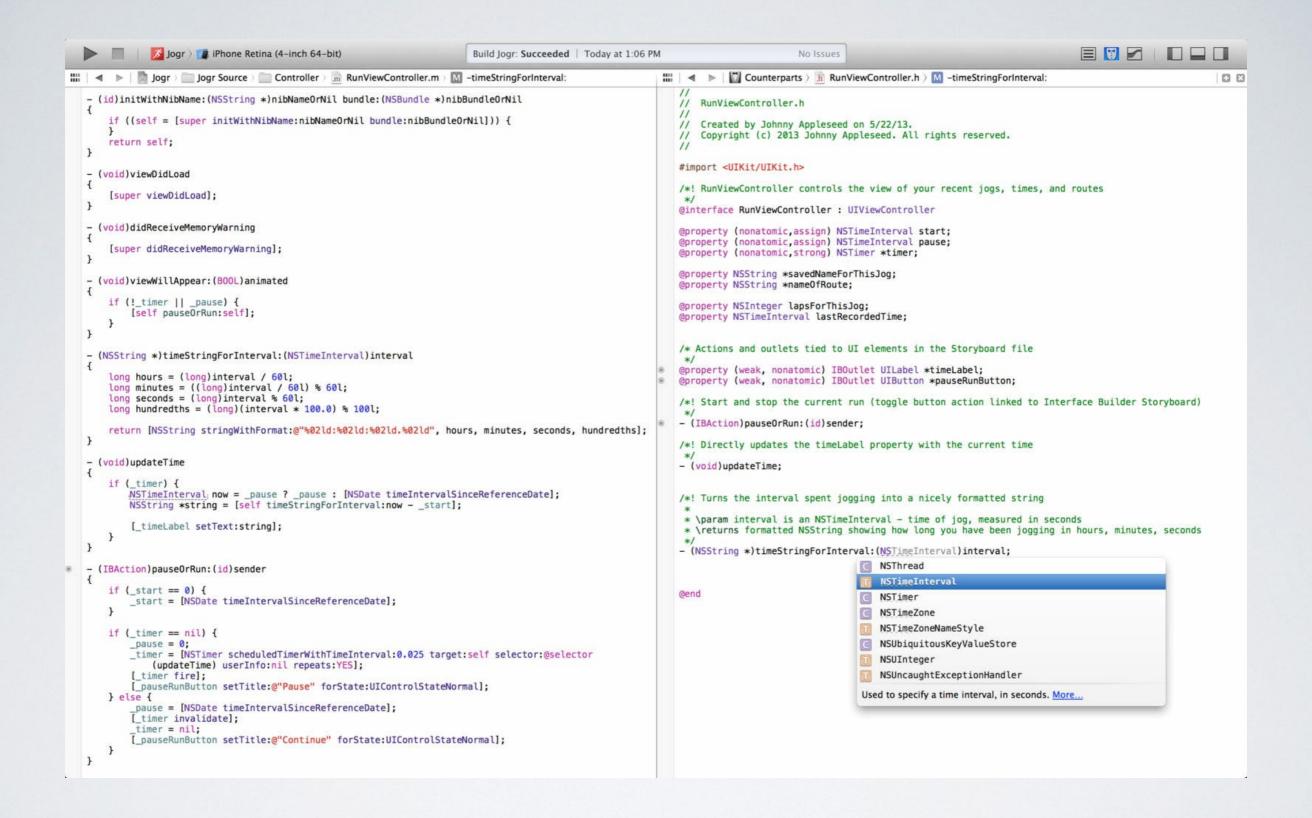
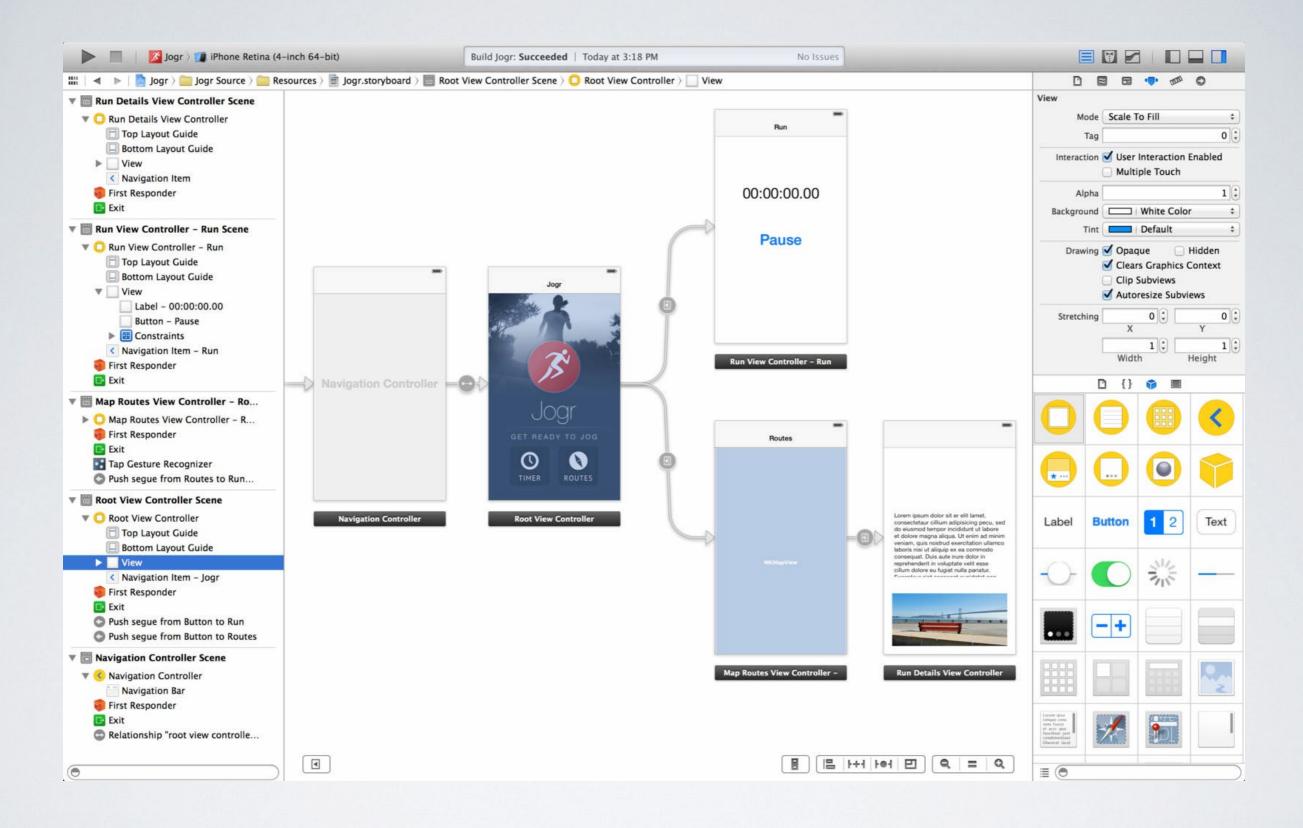
# DEVELOPMENT BASICS



Xcode, Apple's IDE (integrated development environment)- a computer programing program



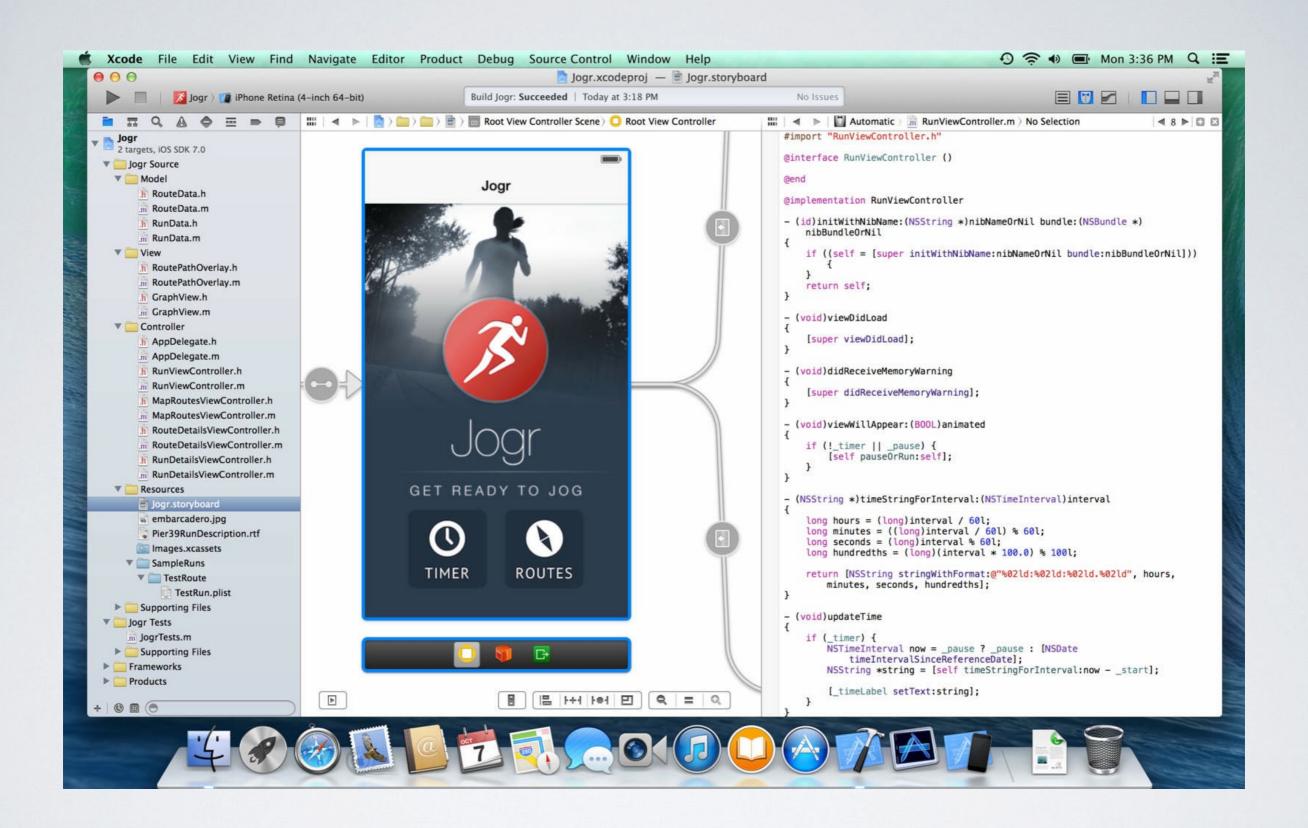
#### Objective-C



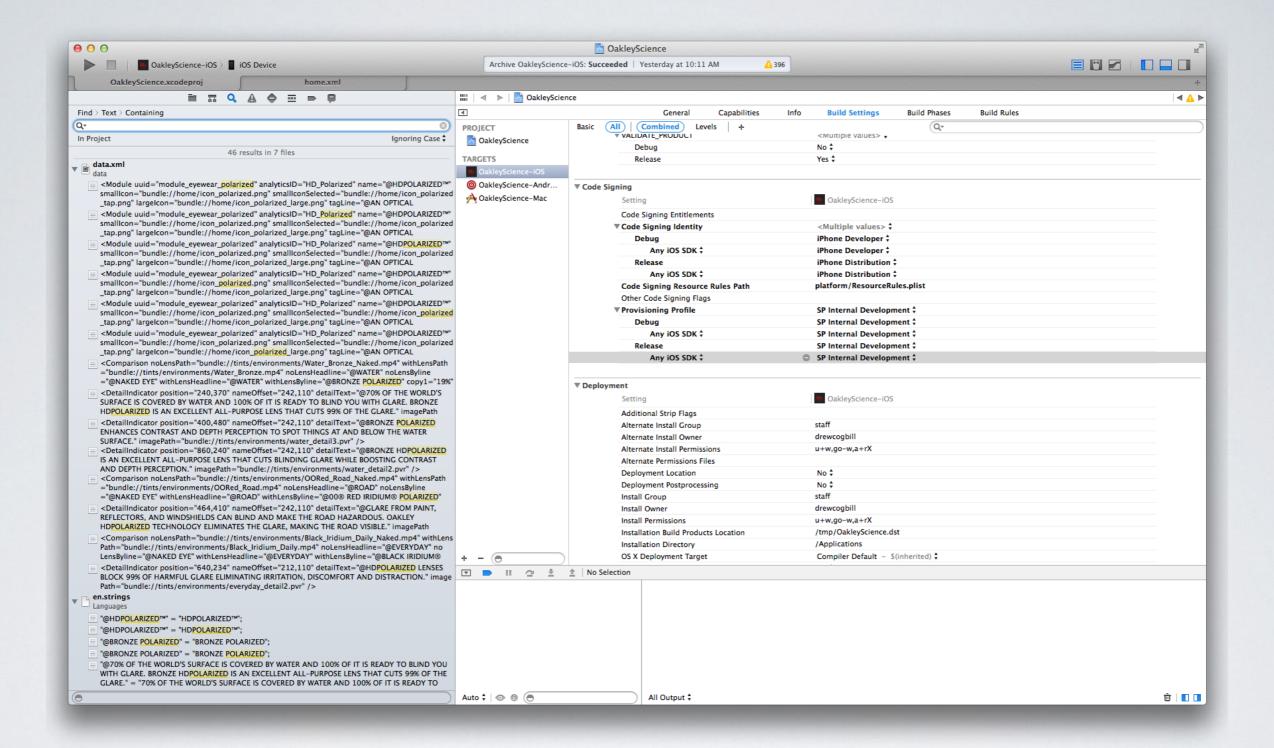
Interface Builder



Debugging, Instruments, building to simulators



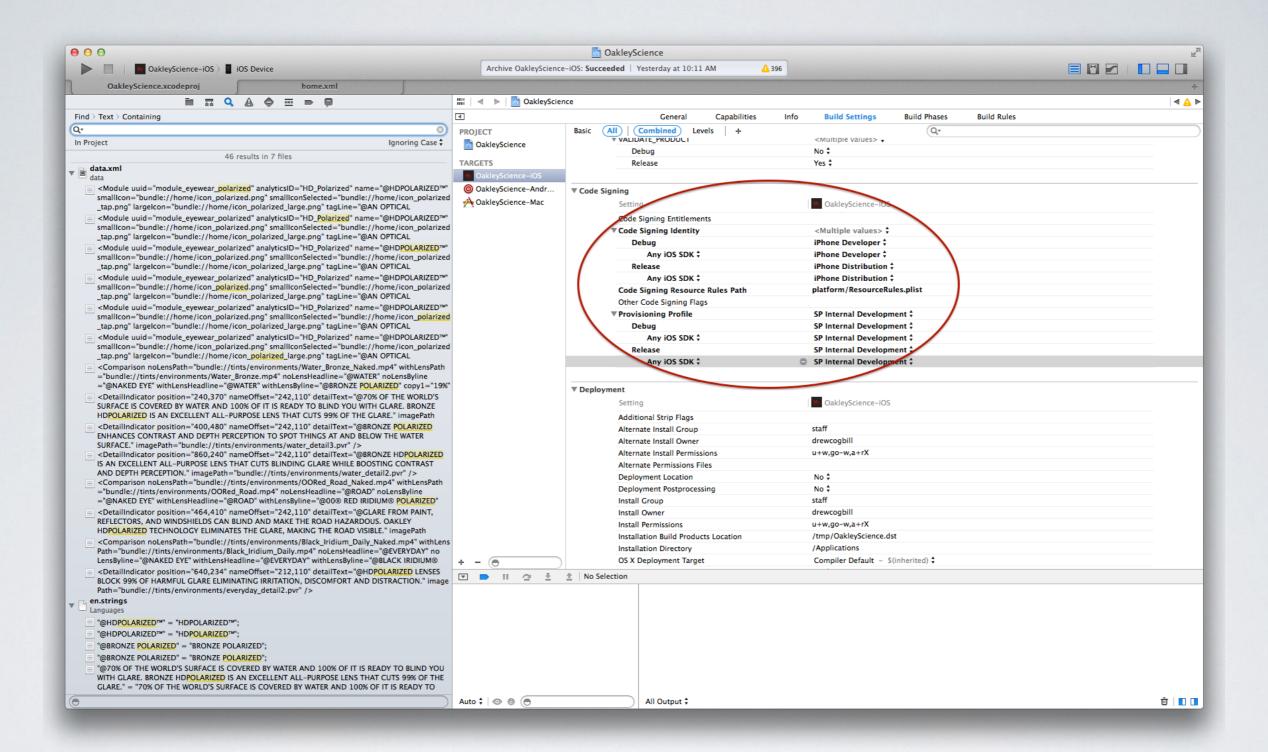
Just push play



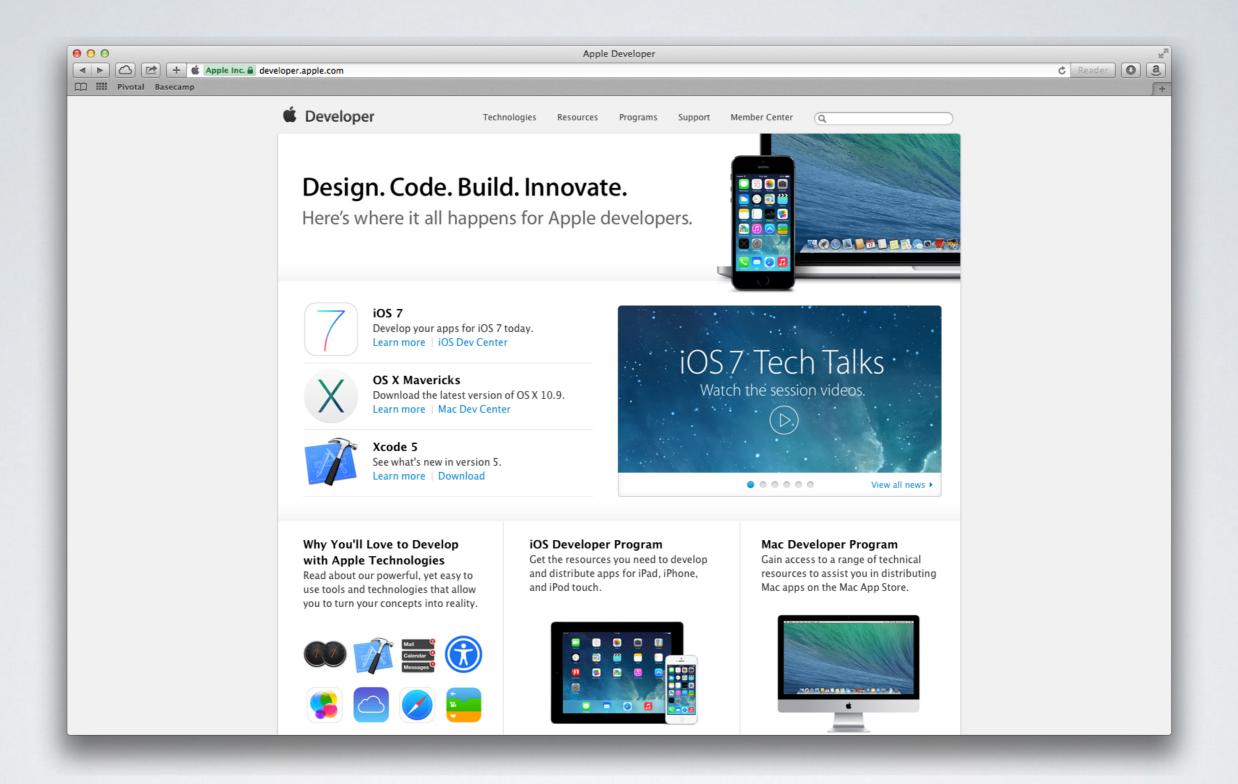
Other useful bits: left column tabs, searching, errors/ warnings

# ALSO

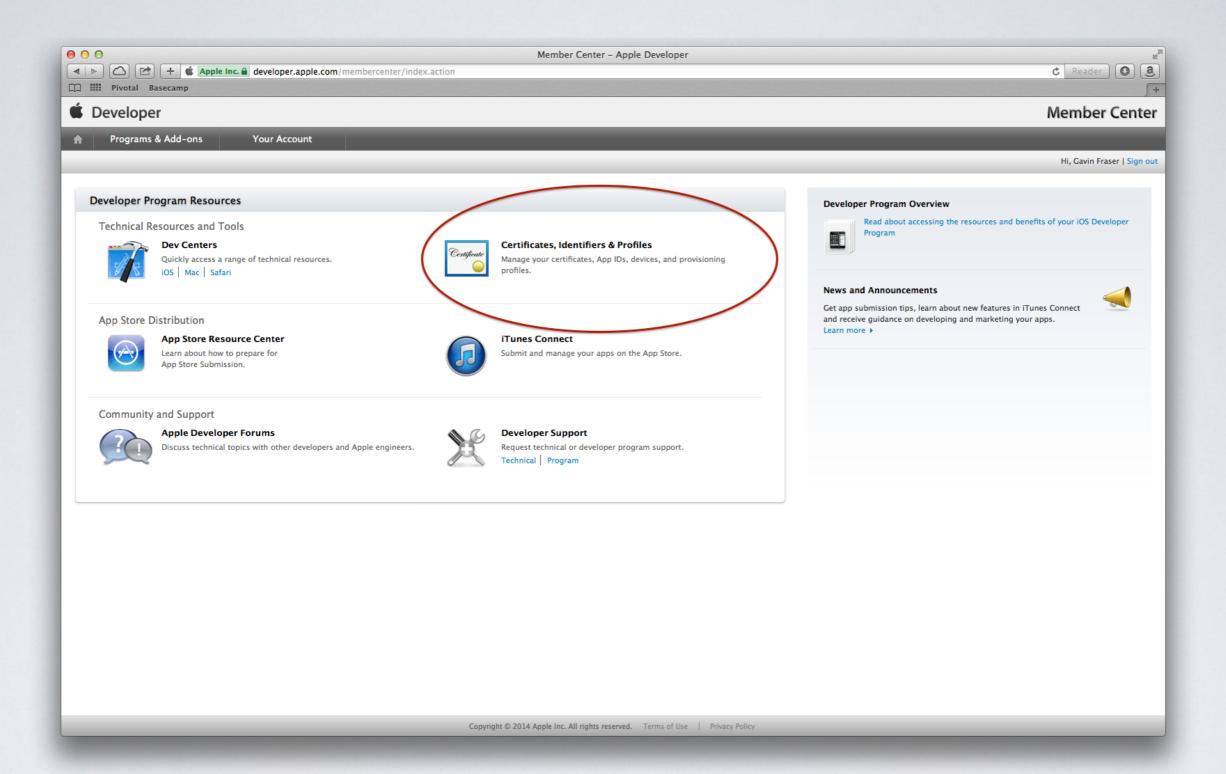
• If your app connects to the internet, that's a whole other can of worms. You'll need a server and such.



Provisioning (the manual way)



http://developer.apple.com - free to register, \$100 for a year to publish



#### http://developer.apple.com

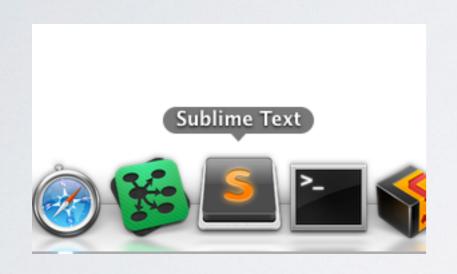
## IOS PROVISIONING

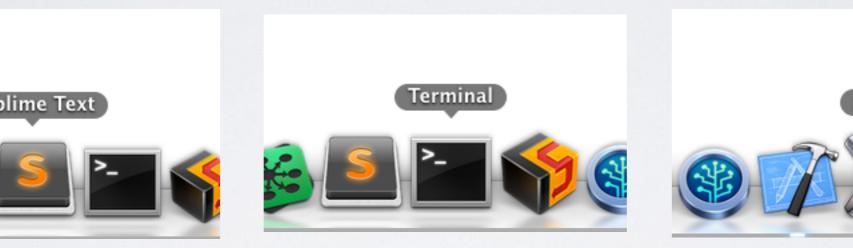
- Key needed for
- Certificate needed for
- Profile (which allows certain devices to run a certain app)
- iOS apps are .ipa's

#### PROVISIONING

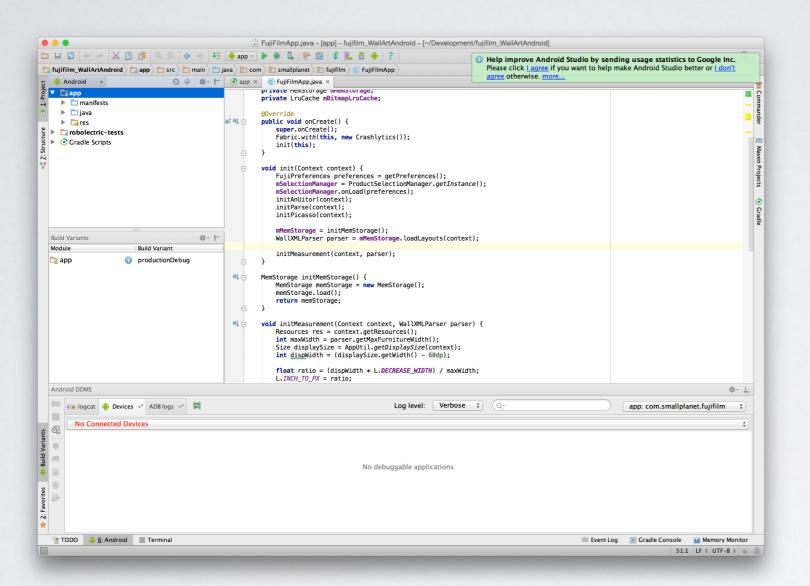
- Profiles can mostly be wildcarded \* (unless they need IAP, data protection, etc.)
- All app store apps have a unique bundle identifier - e.g. com.appco.appyapp

#### OTHER USEFULTHINGS









#### Android Studio



#### ANDROID PROVISIONING

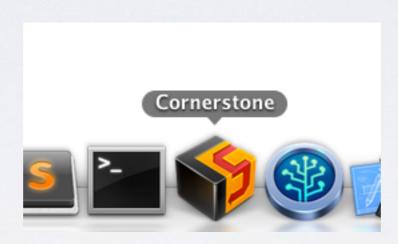
- Anything anywhere!
- Android apps are generally .apk's (and .obb's)

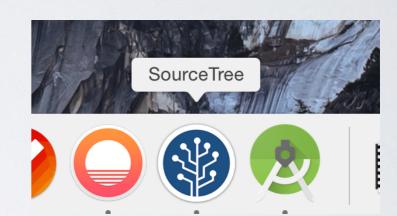
## SOURCE CONTROL

- Subversion (svn) a centralized versioning system
- Git a distributed versioning system (github)

## SUGGESTEDTOOLS







# PROCESS: AGILE

- · Individuals and interactions over processes and tools
- Working software over comprehensive documentation
- Customer collaboration over contract negotiation
- Responding to change over following a plan

# PROCESS: AGILE

- Scrum
- Standups
- Scrum master, product owner/manager
- Pivotal Tracker

## PROCESS: AGILE

- Recommended book: Agile Software
  Development with Scrum
- http://www.amazon.com/Agile-Software Development-Scrum-Series/dp/0130676349/
   ref=sr\_I\_10?
   ie=UTF8&qid=1403314856&sr=8-10&keywords=
   scrum

#### ANALYTICS





mixpanel



