

# From Zero to App Store in Xcode 5

Session 403

**Joshua Pennington**

Engineering Manager, Xcode

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# From Zero to App Store in Xcode

## Roadmap

- Signing assets
- Accounts
- Building, configuring and shipping
- Troubleshooting

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# From Zero to App Store in Xcode

Signing assets



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## Signing assets



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# From Zero to App Store in Xcode

## Signing assets





# From Zero to App Store in Xcode

Signing assets





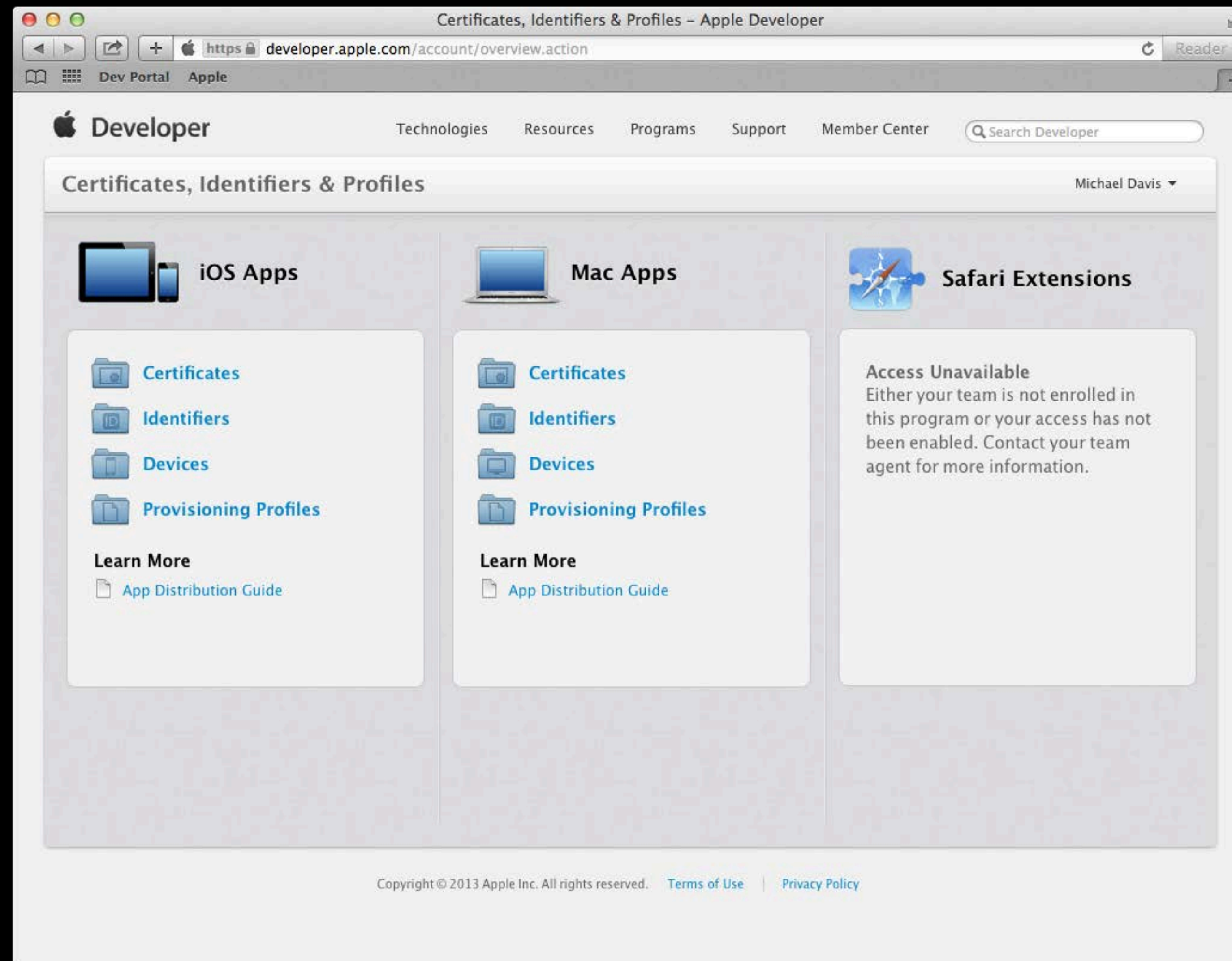
# From Zero to App Store in Xcode

Signing assets



# From Zero to App Store in Xcode

## Signing assets



# From Zero to App Store in Xcode

## Signing assets





# From Zero to App Store in Xcode

## Signing assets



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# From Zero to App Store in Xcode

## Accounts



**Sign in with your Apple ID**

Enter the Apple ID and password you used to register as an Apple Developer

Username:

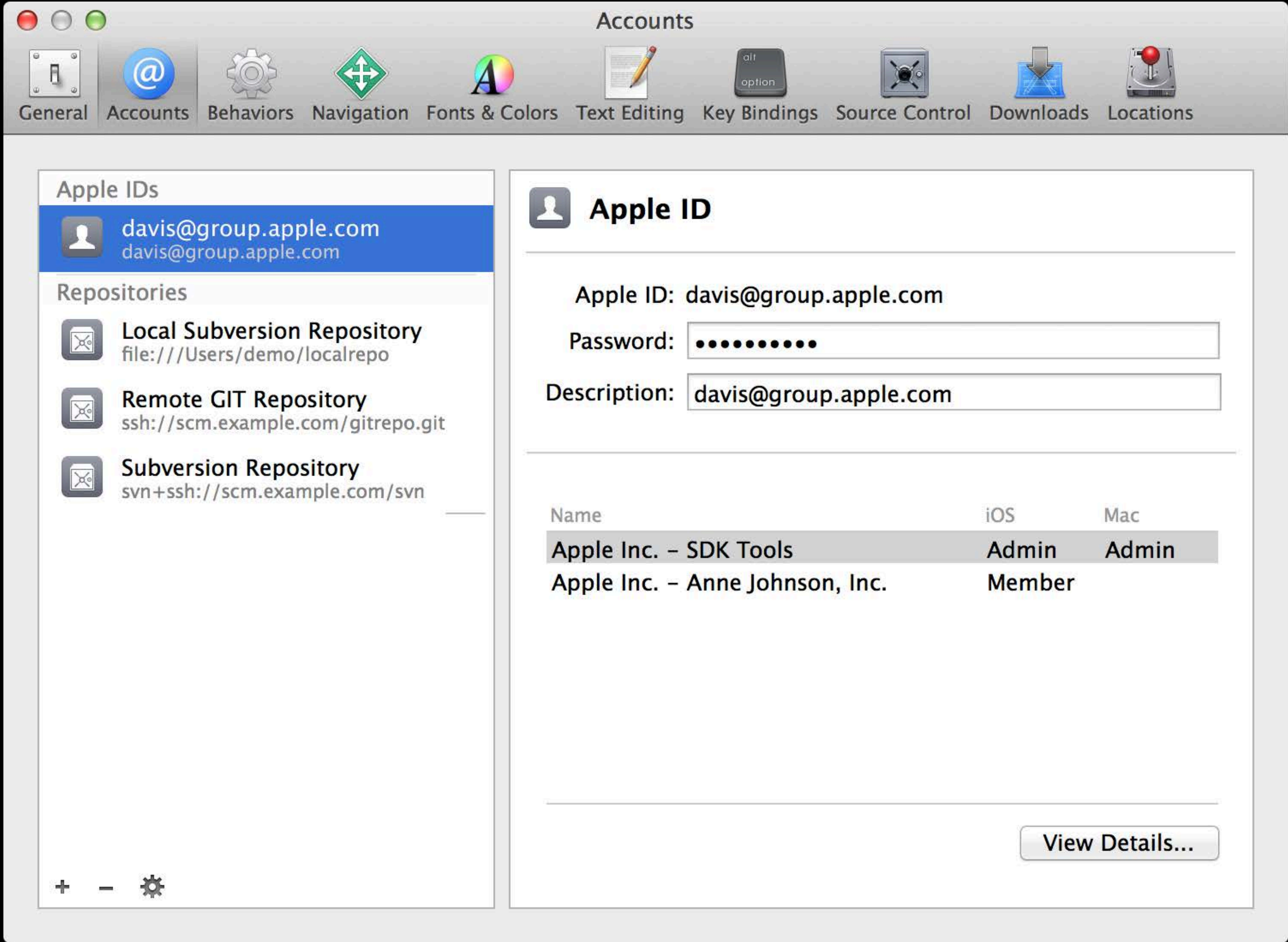
Password:

☒ Remember Password in Keychain



# From Zero to App Store in Xcode

## Accounts



*Demo*

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# From Zero to App Store in Xcode

## Capabilities



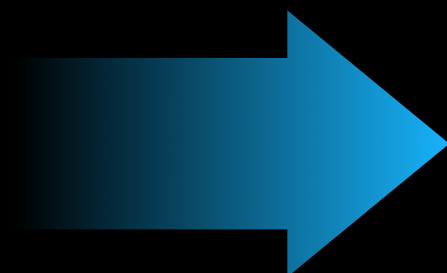
# From Zero to App Store in Xcode

## Capabilities



# From Zero to App Store in Xcode

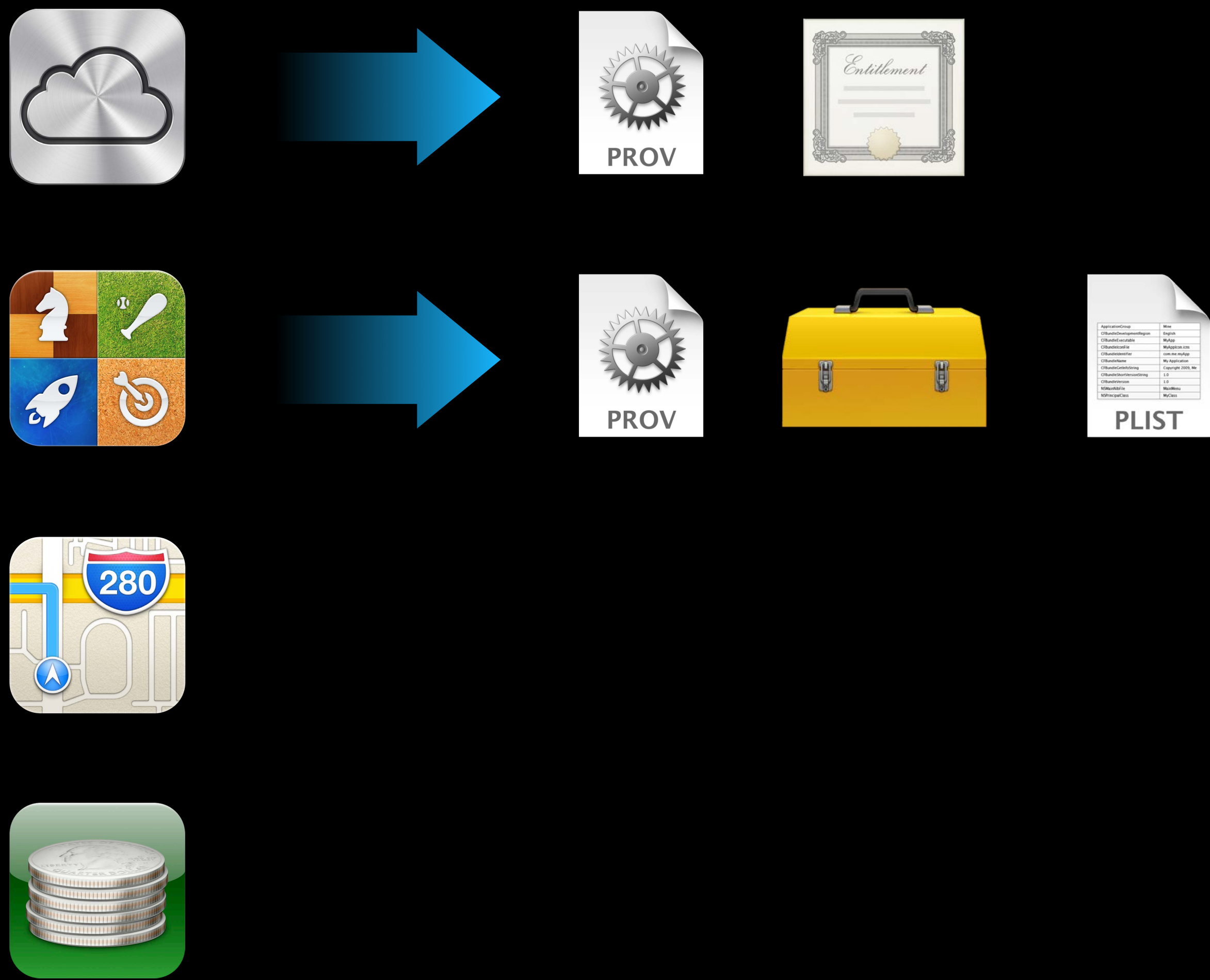
## Capabilities





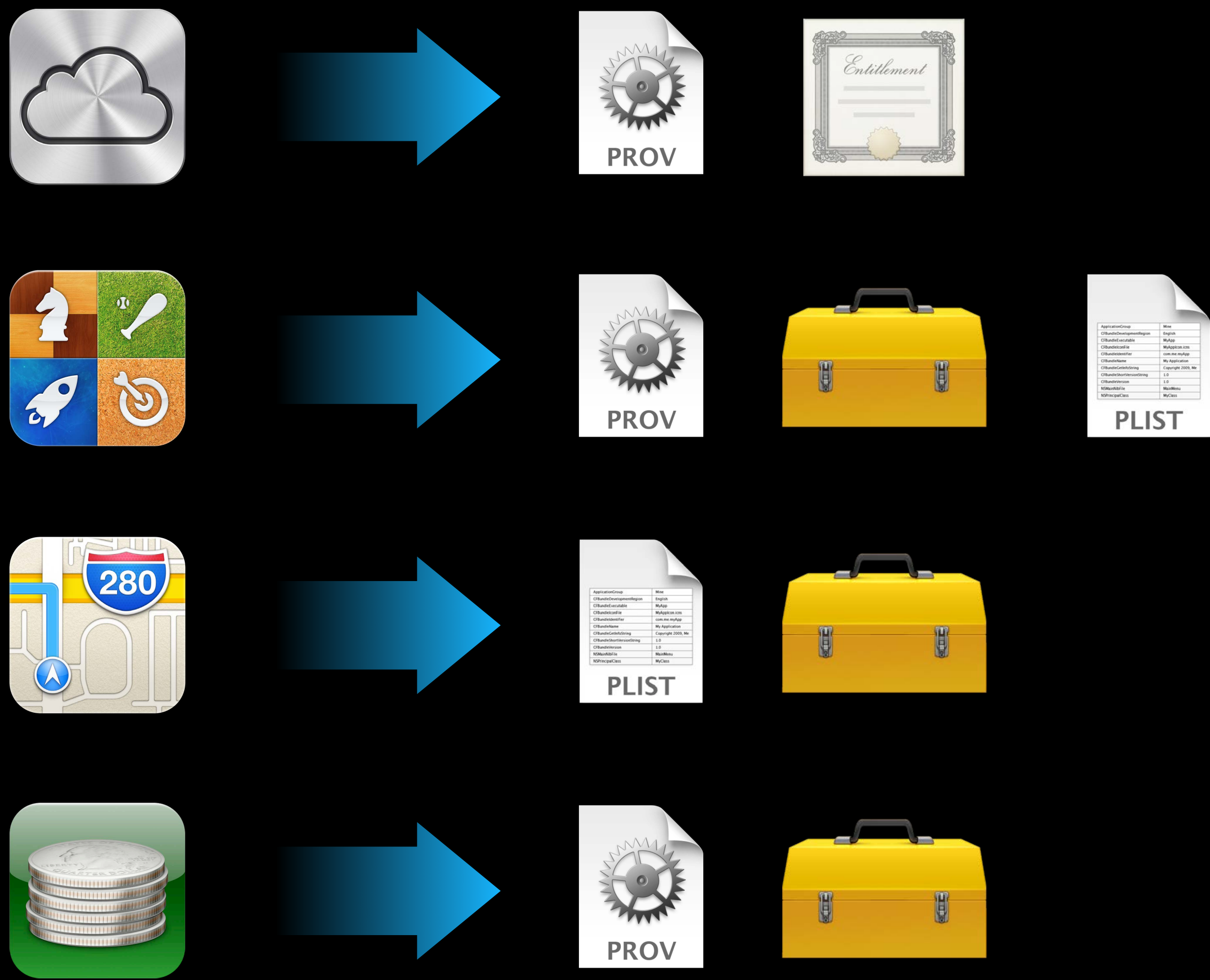
# From Zero to App Store in Xcode

## Capabilities



# From Zero to App Store in Xcode

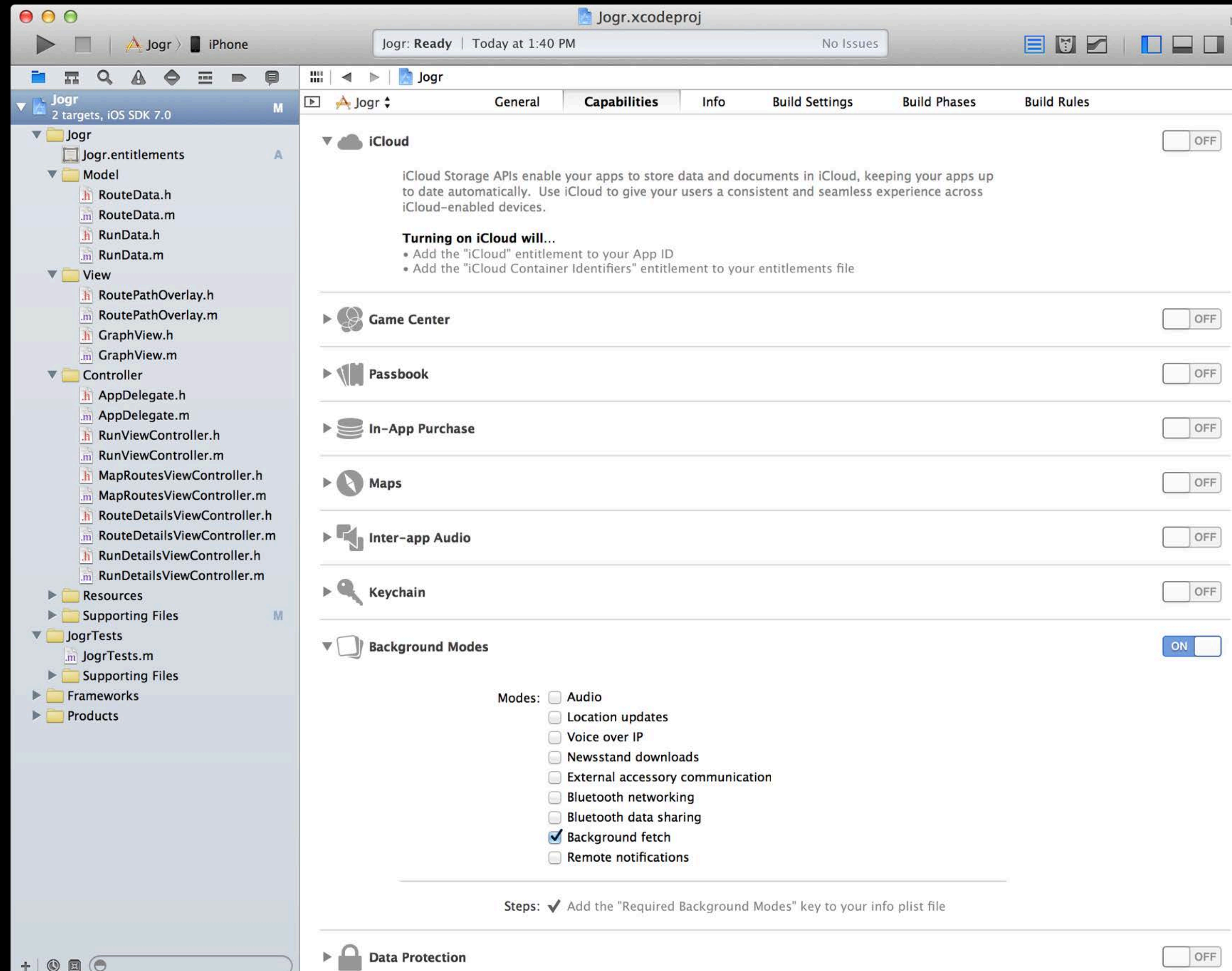
## Capabilities





# From Zero to App Store in Xcode

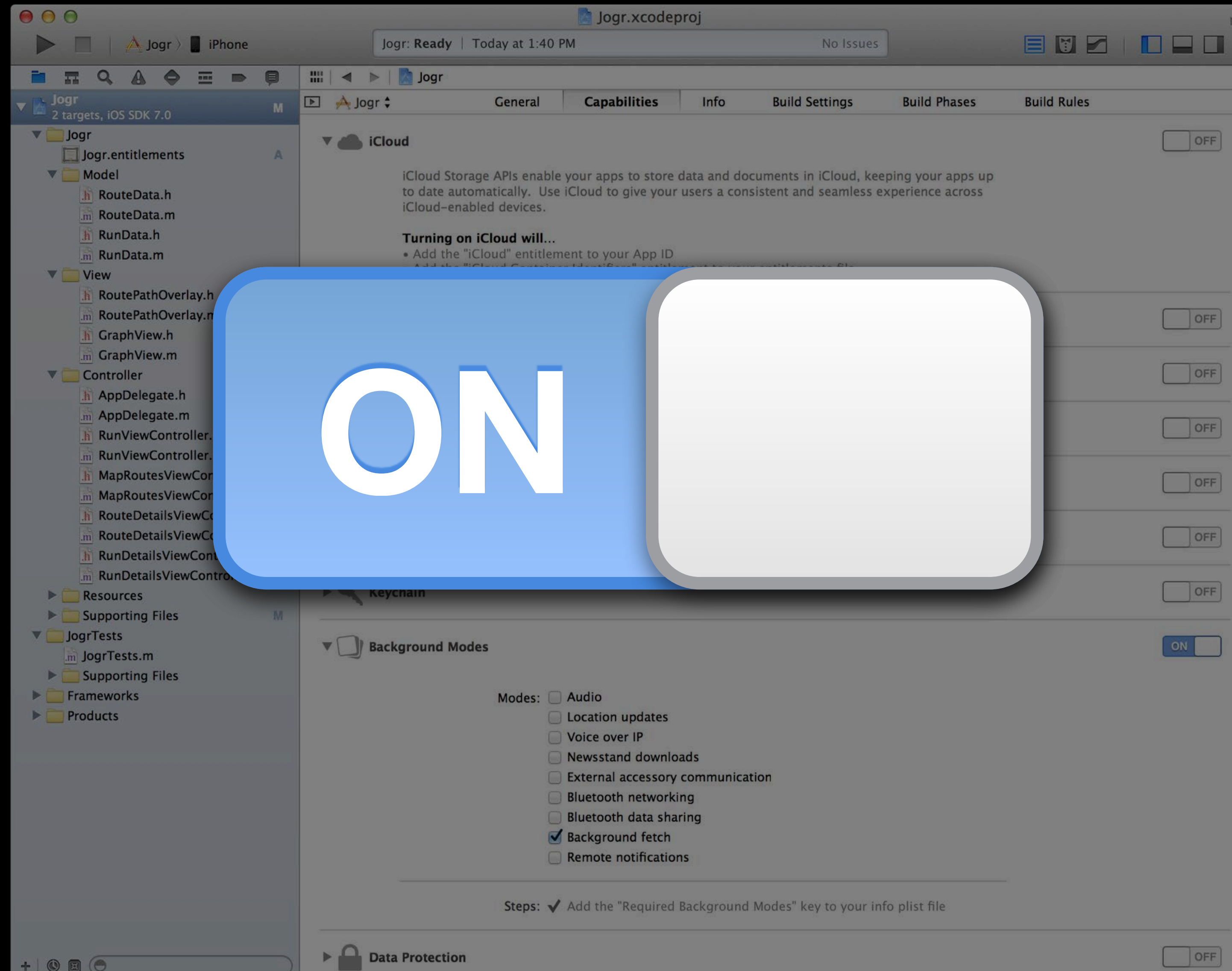
## Building, configuring, and shipping





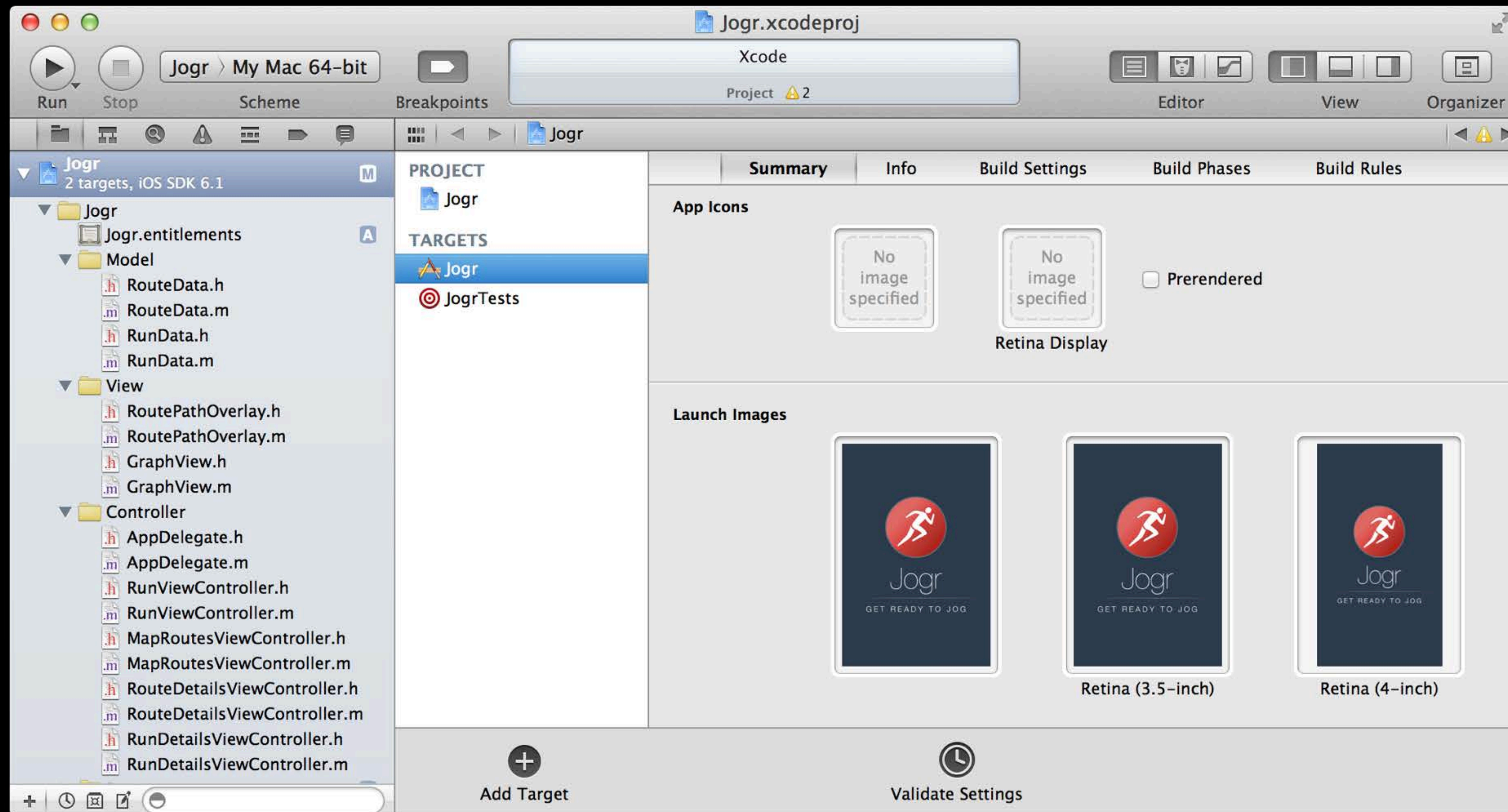
# From Zero to App Store in Xcode

## Building, configuring, and shipping



# From Zero to App Store in Xcode

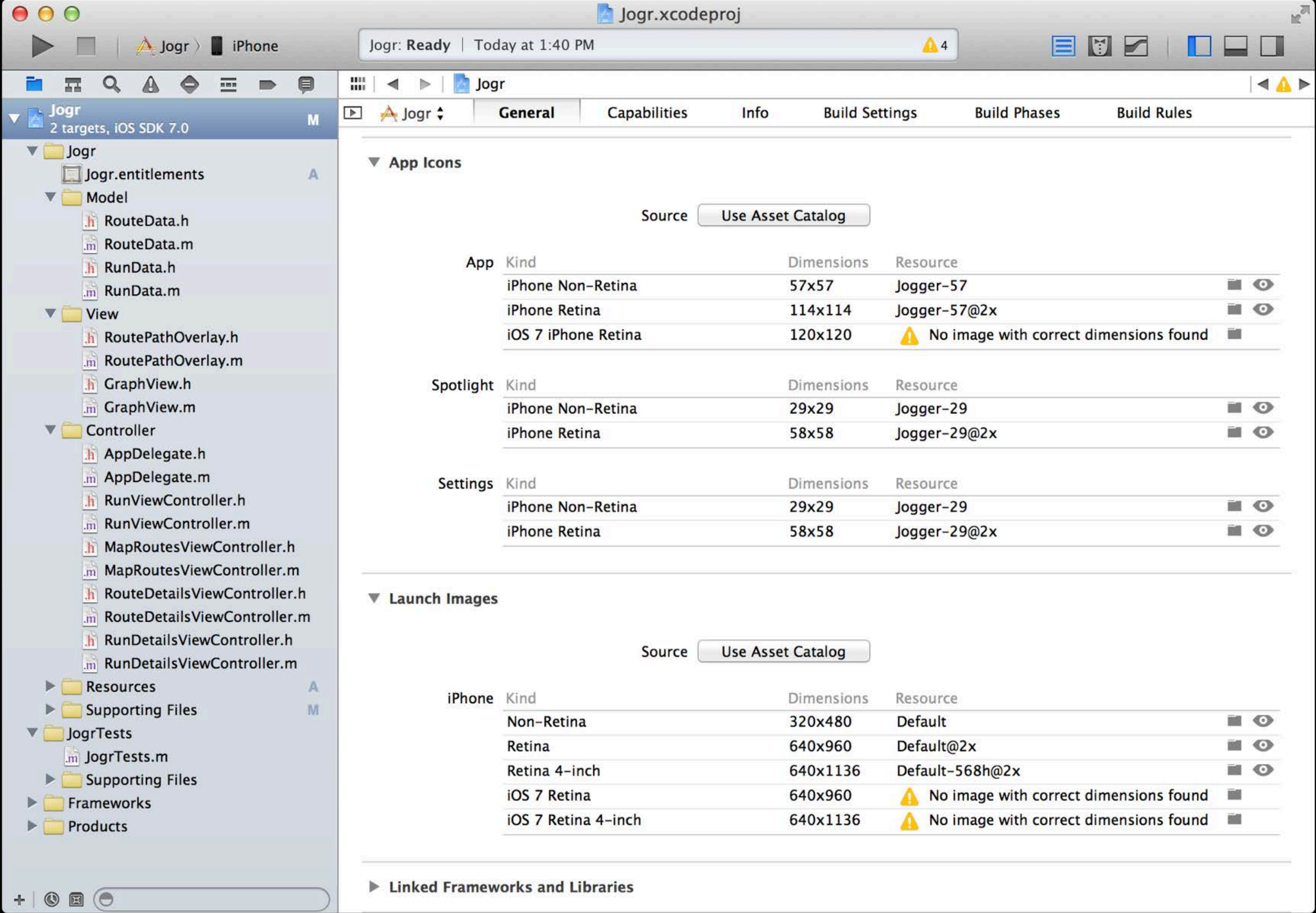
## App icons and launch images





# From Zero to App Store in Xcode

## App icons and launch images





*Demo*

# Distributing Your Apps

# From Zero to App Store in Xcode

Preparing your app for submission





# From Zero to App Store in Xcode

Preparing your app for submission



# From Zero to App Store in Xcode

Preparing your app for submission



Development  
Signing Identity

# From Zero to App Store in Xcode

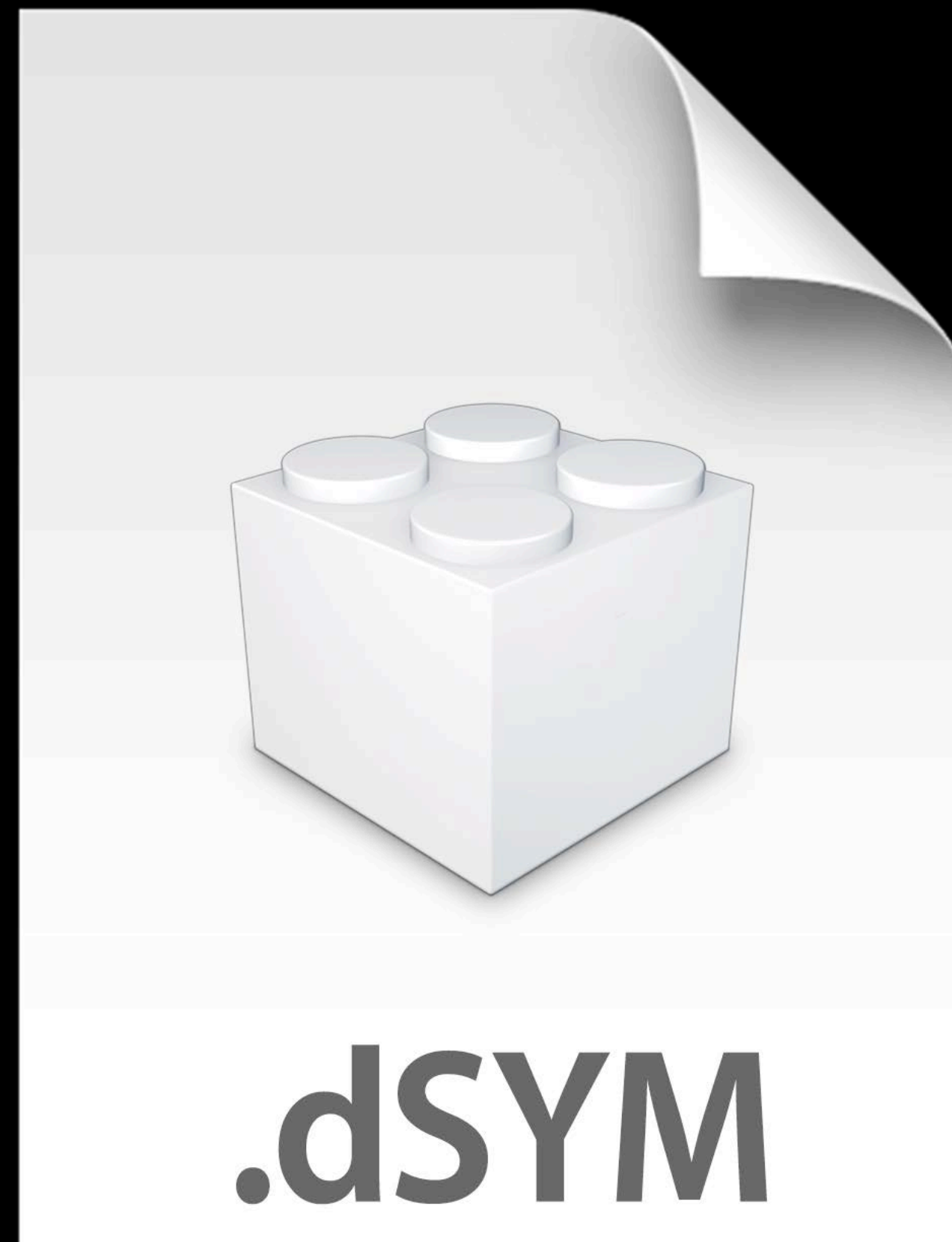
Preparing your app for submission





# From Zero to App Store in Xcode

Preparing your app for submission



0x00007fff8dfcd013

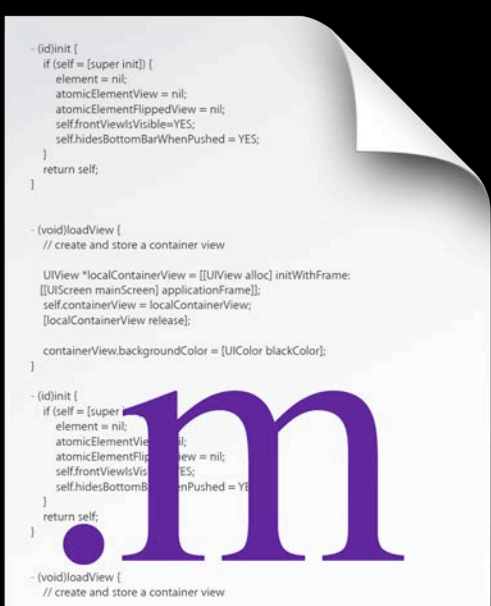
0x0000000105031178

0x0000000105038be0

0x00007fff8d53260e

# From Zero to App Store in Xcode

## Preparing your app for submission



0x00007fff8dfcd013

0x0000000105031178

0x0000000105038be0

0x00007fff8d53260e

objc\_msgSend+19

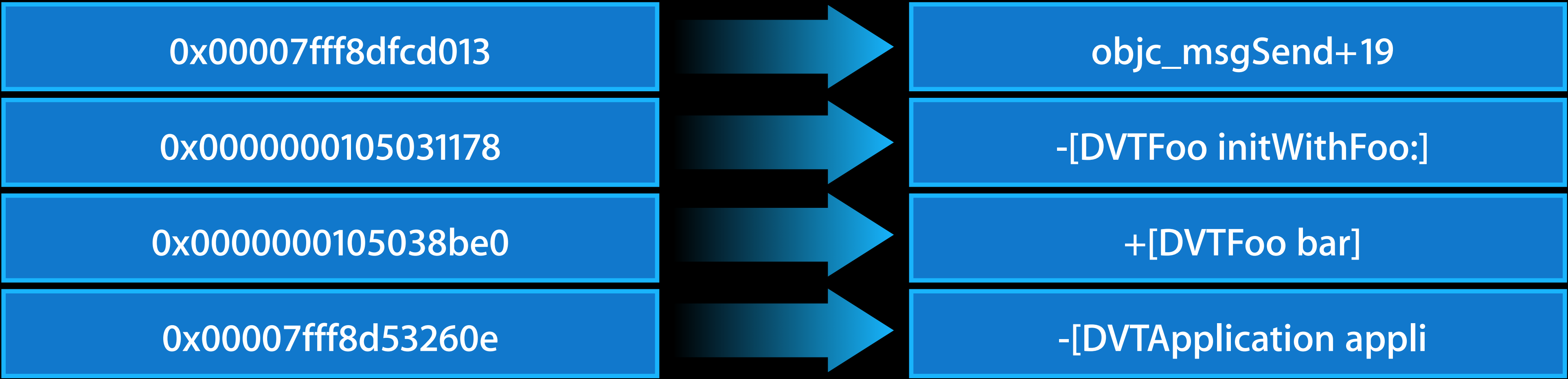
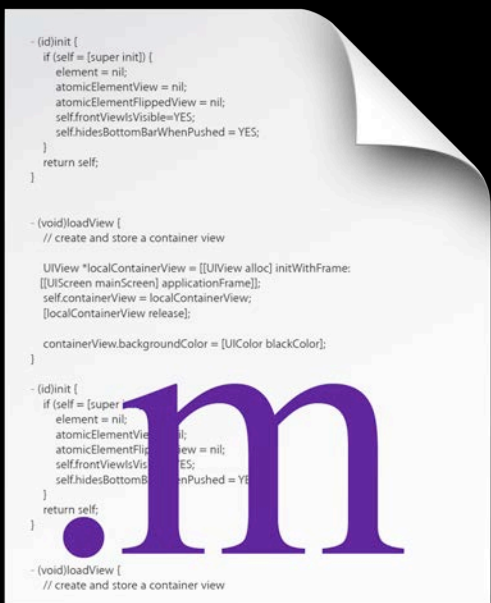
-[DVTFoo initWithFoo:]

+[DVTFoo bar]

-[DVTApplication appli

# From Zero to App Store in Xcode

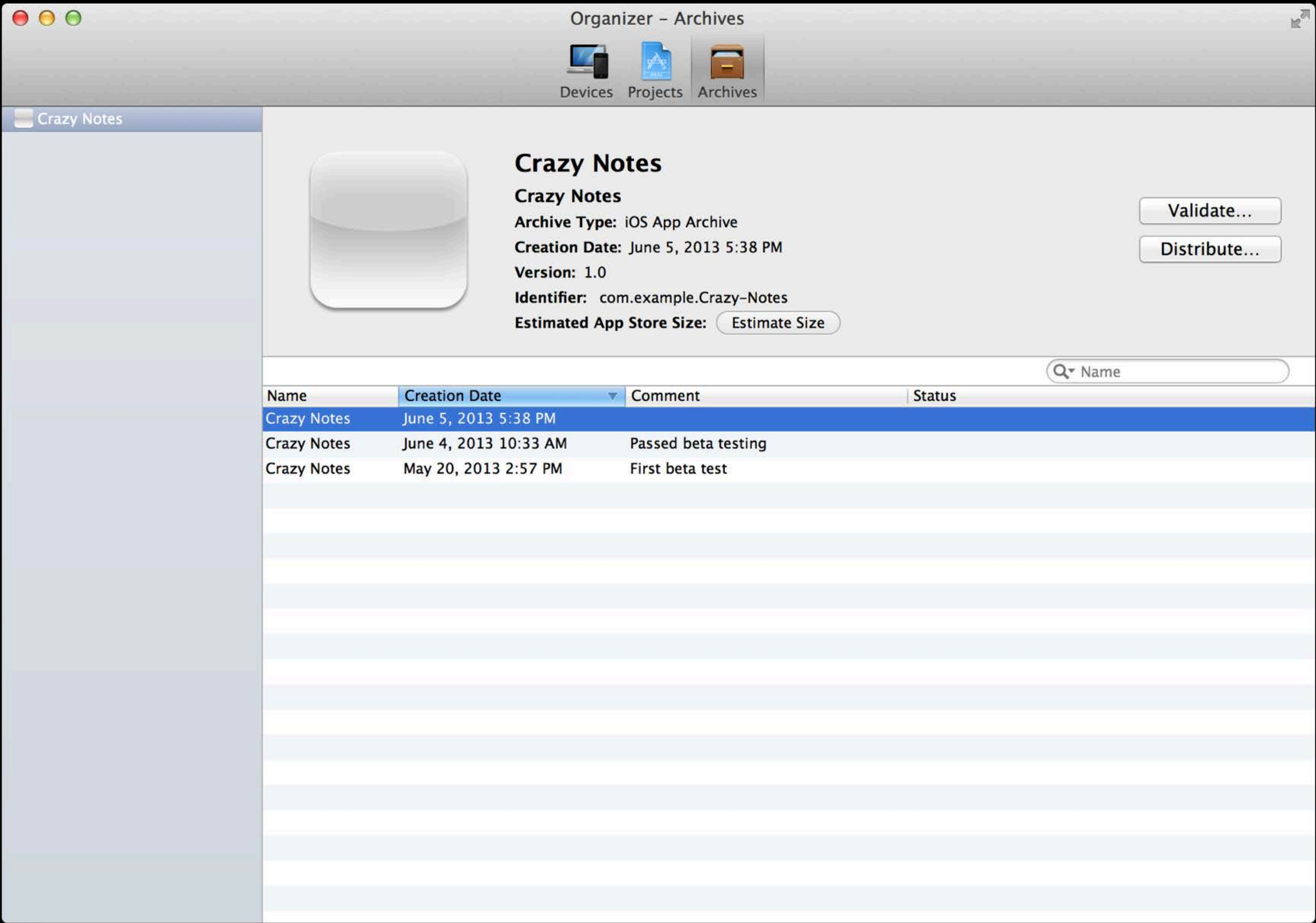
## Preparing your app for submission





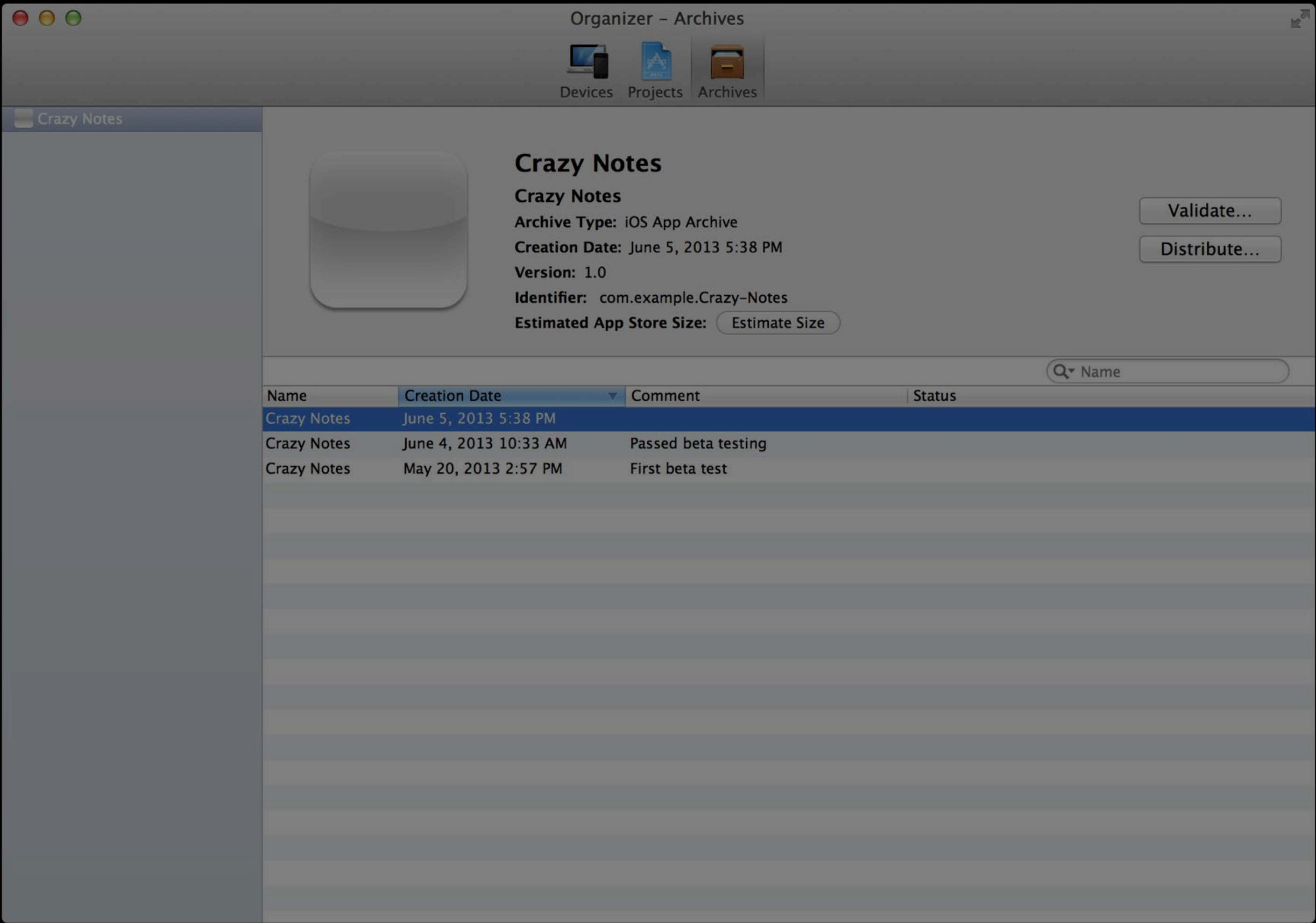
# From Zero to App Store in Xcode

## Preparing your app for submission



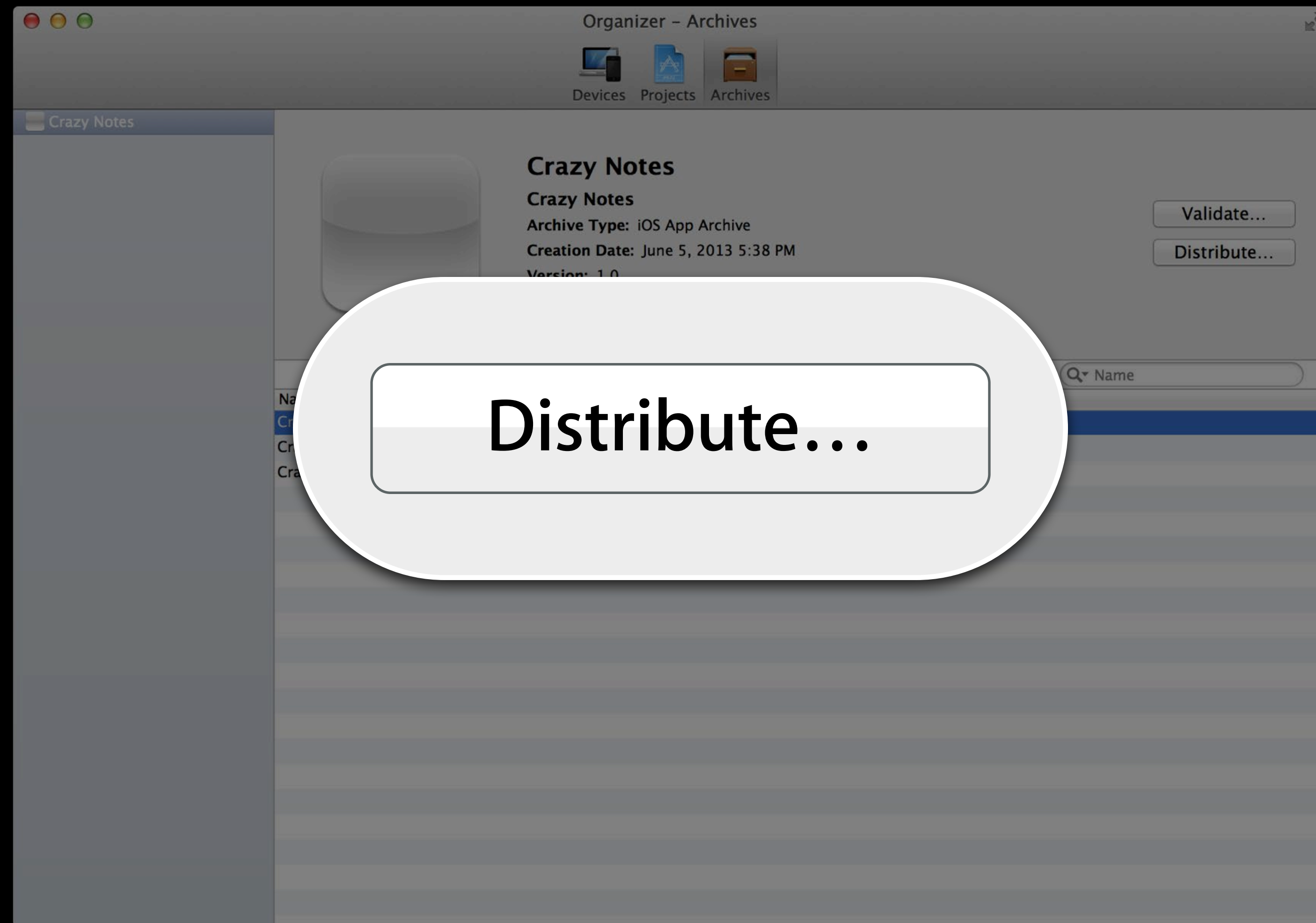
# From Zero to App Store in Xcode

## Preparing your app for submission



# From Zero to App Store in Xcode

Preparing your app for submission





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iTunes Connect

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iTunes Connect

*Demo*



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# From Zero to App Store in Xcode

Troubleshooting

# From Zero to App Store in Xcode

## Troubleshooting

- Misconfigurations
  - Entitlements

# From Zero to App Store in Xcode

## Troubleshooting

- Misconfigurations
  - Entitlements
- Missing signing assets
  - Signing identities
  - Provisioning profiles



# From Zero to App Store in Xcode

## Troubleshooting

Profile

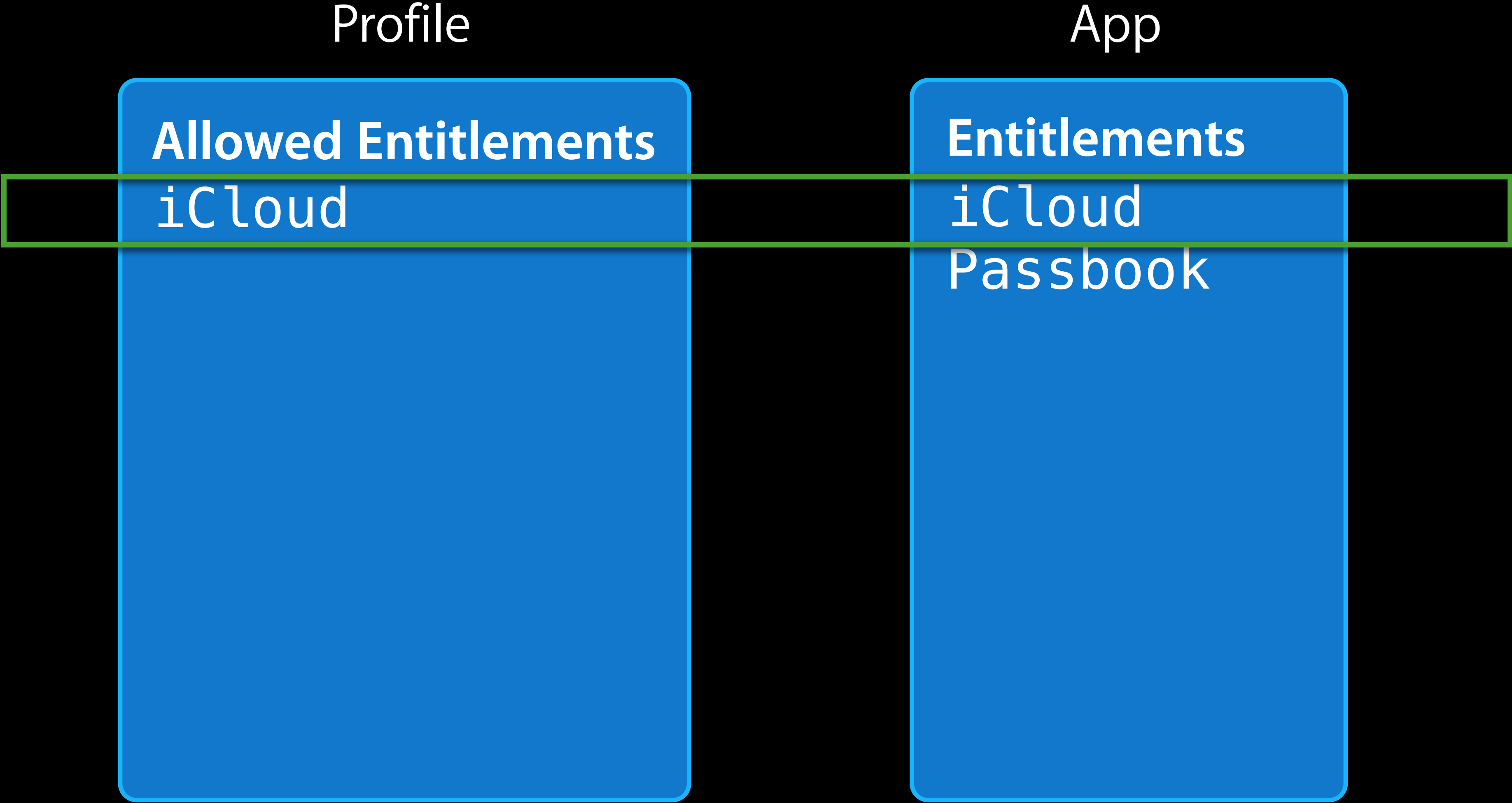
**Allowed Entitlements**  
iCloud

App

**Entitlements**  
iCloud  
Passbook

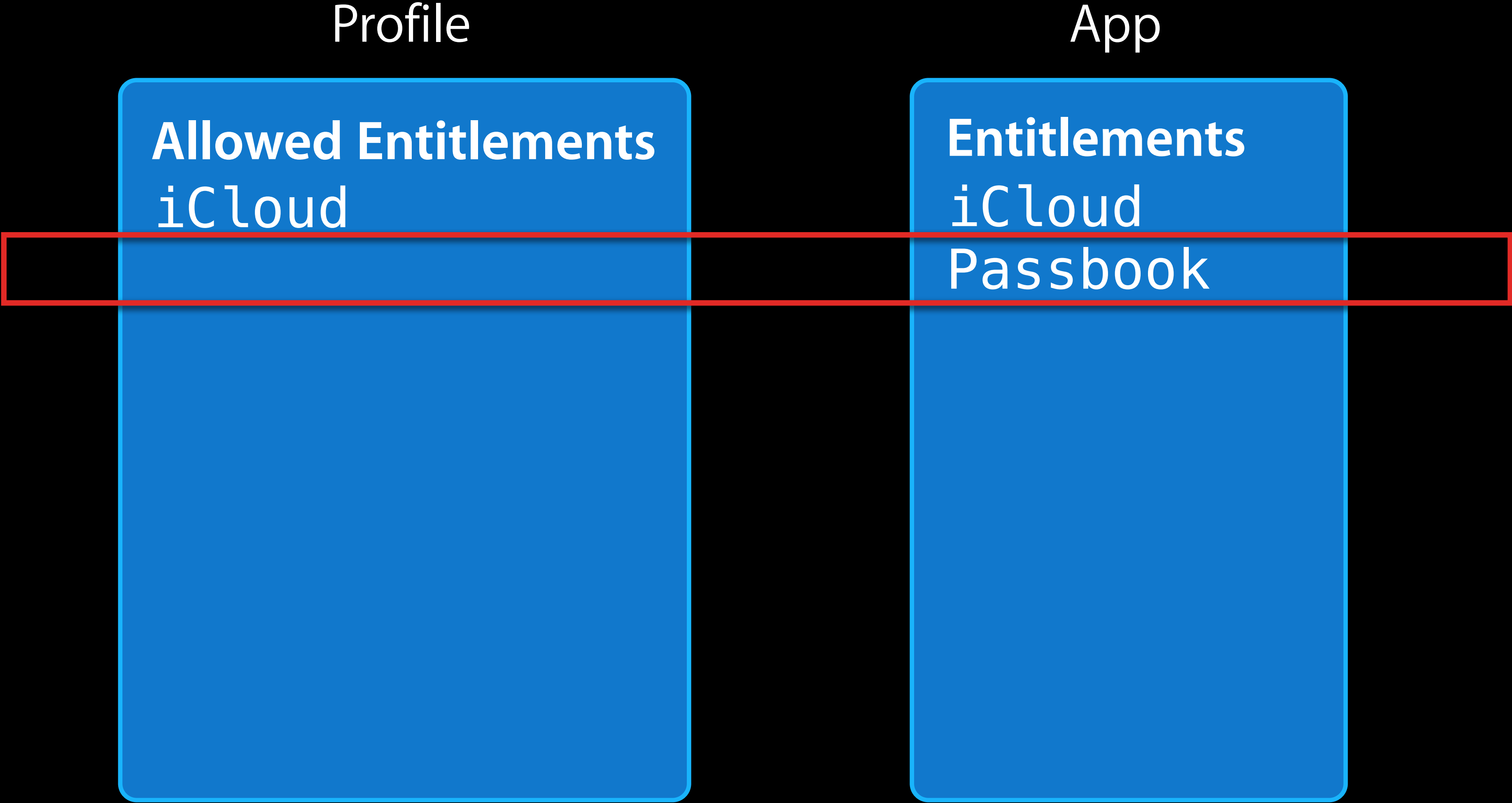
# From Zero to App Store in Xcode

## Troubleshooting



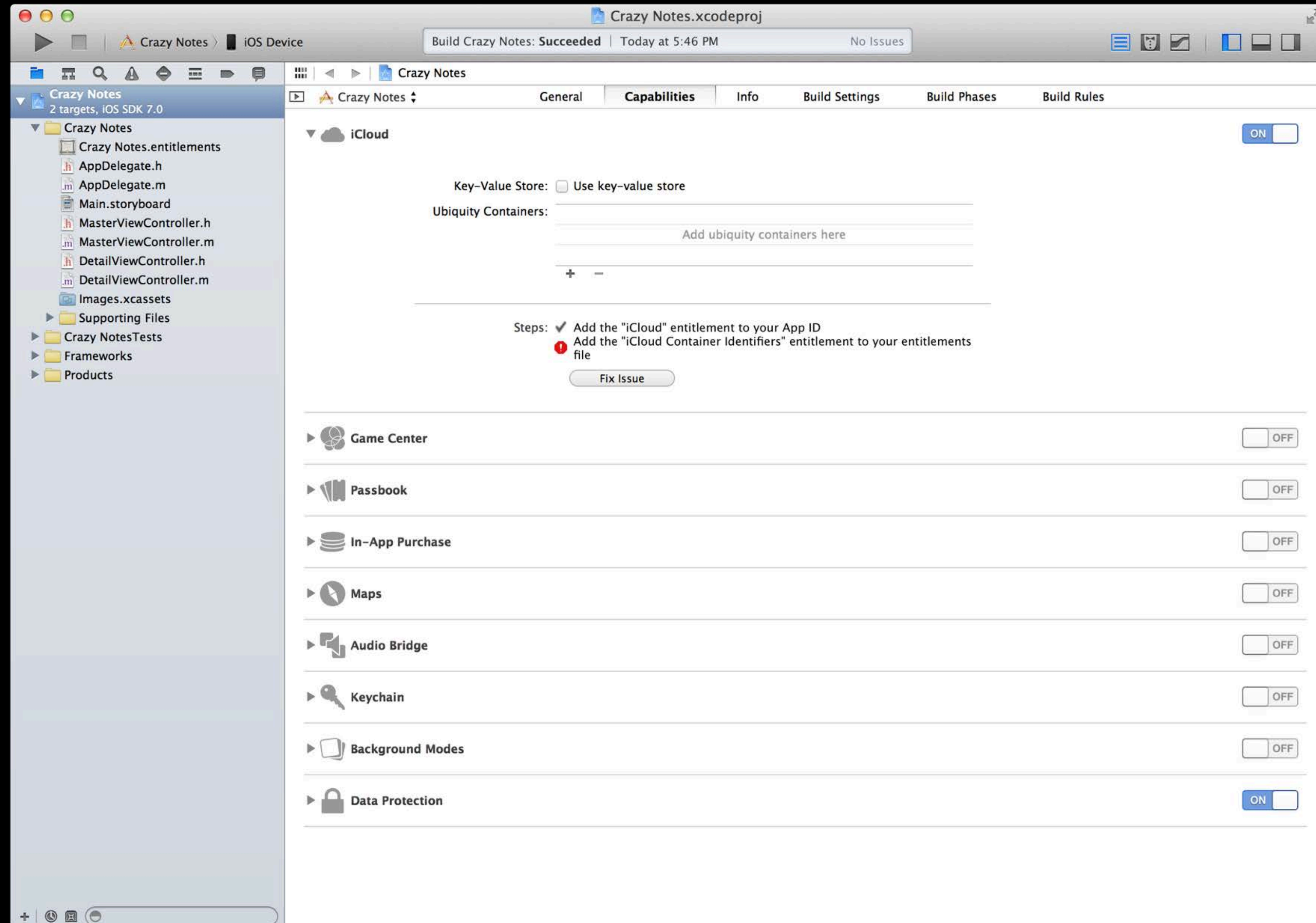
# From Zero to App Store in Xcode

## Troubleshooting



# From Zero to App Store in Xcode

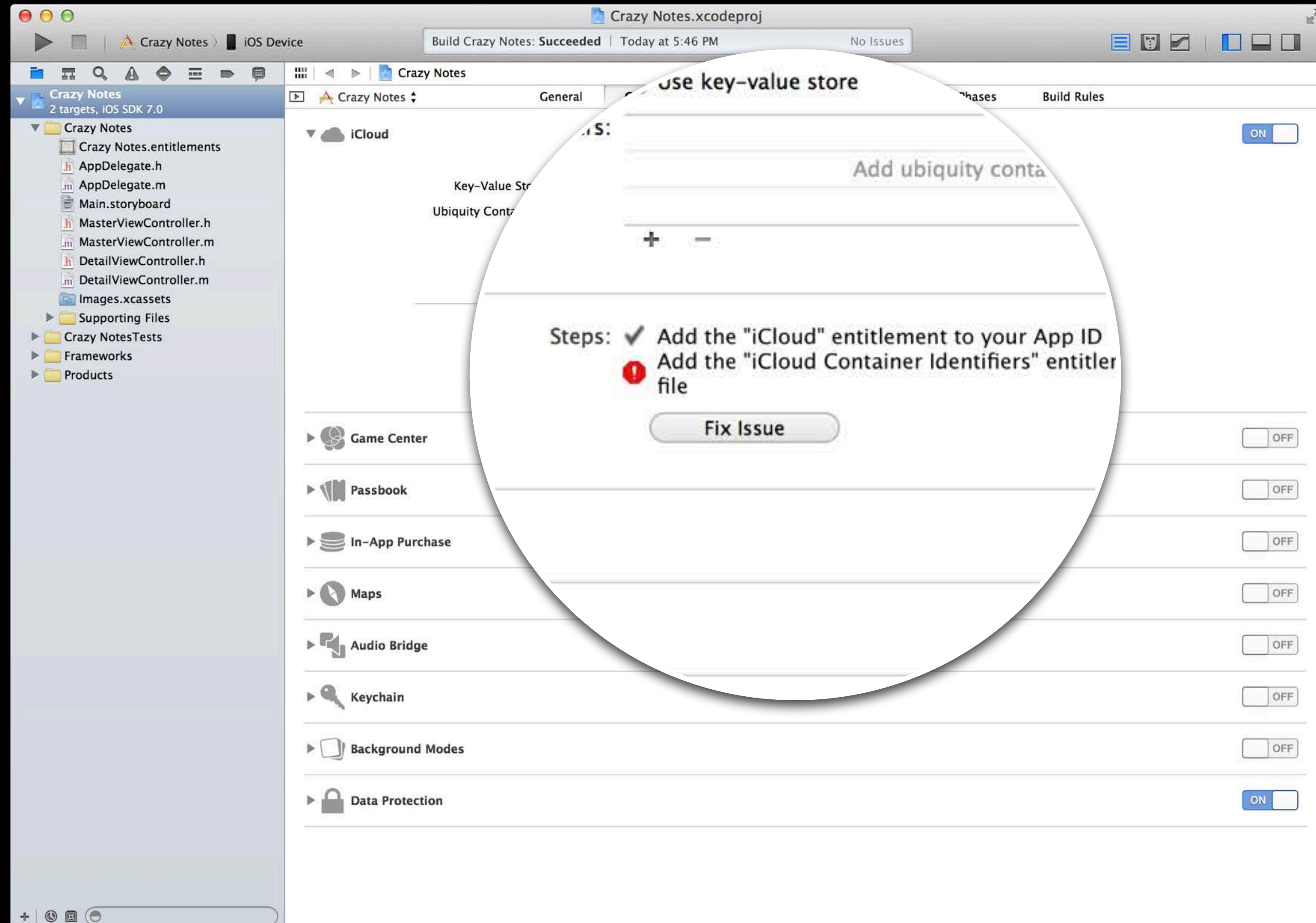
## Troubleshooting





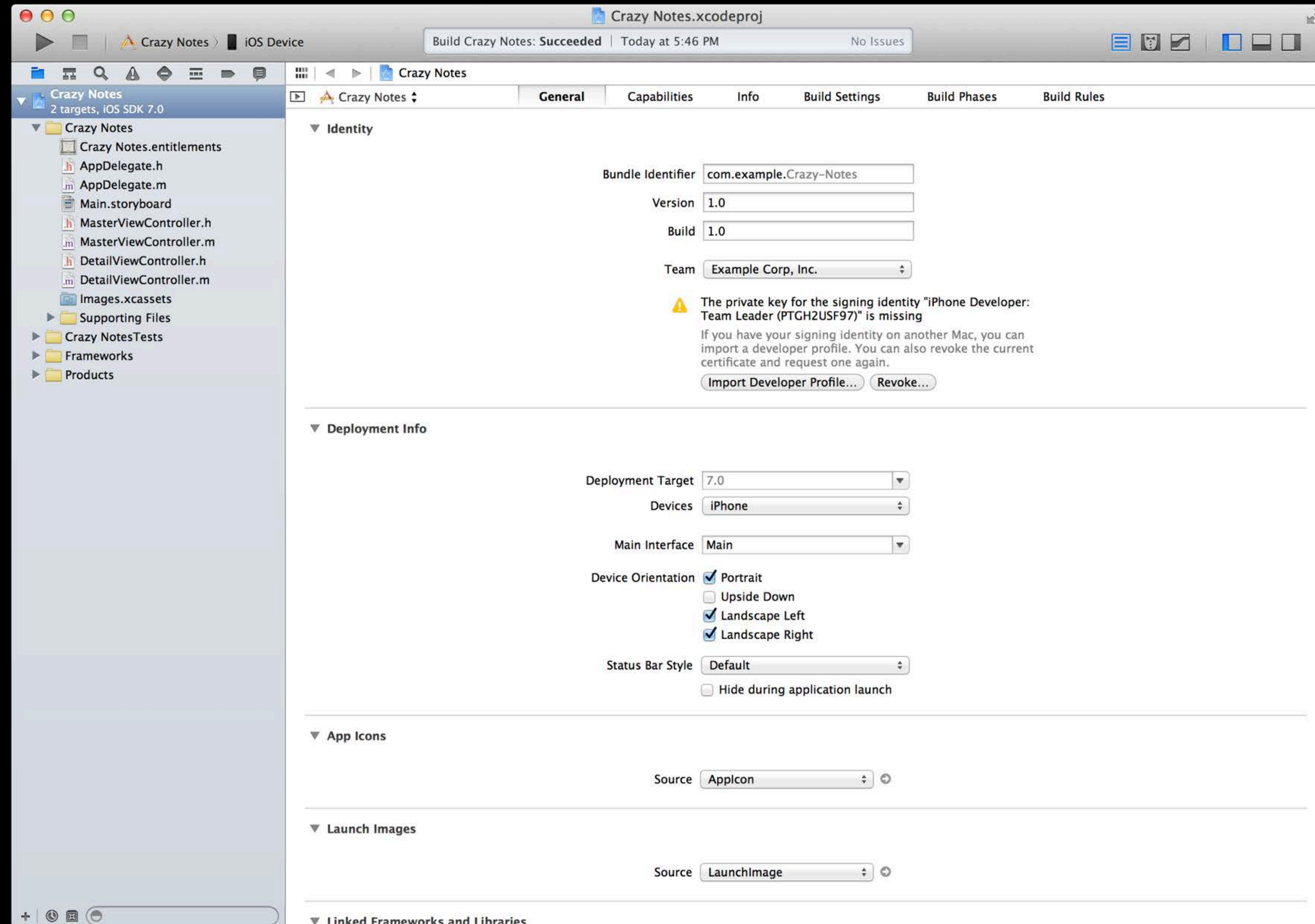
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## Troubleshooting



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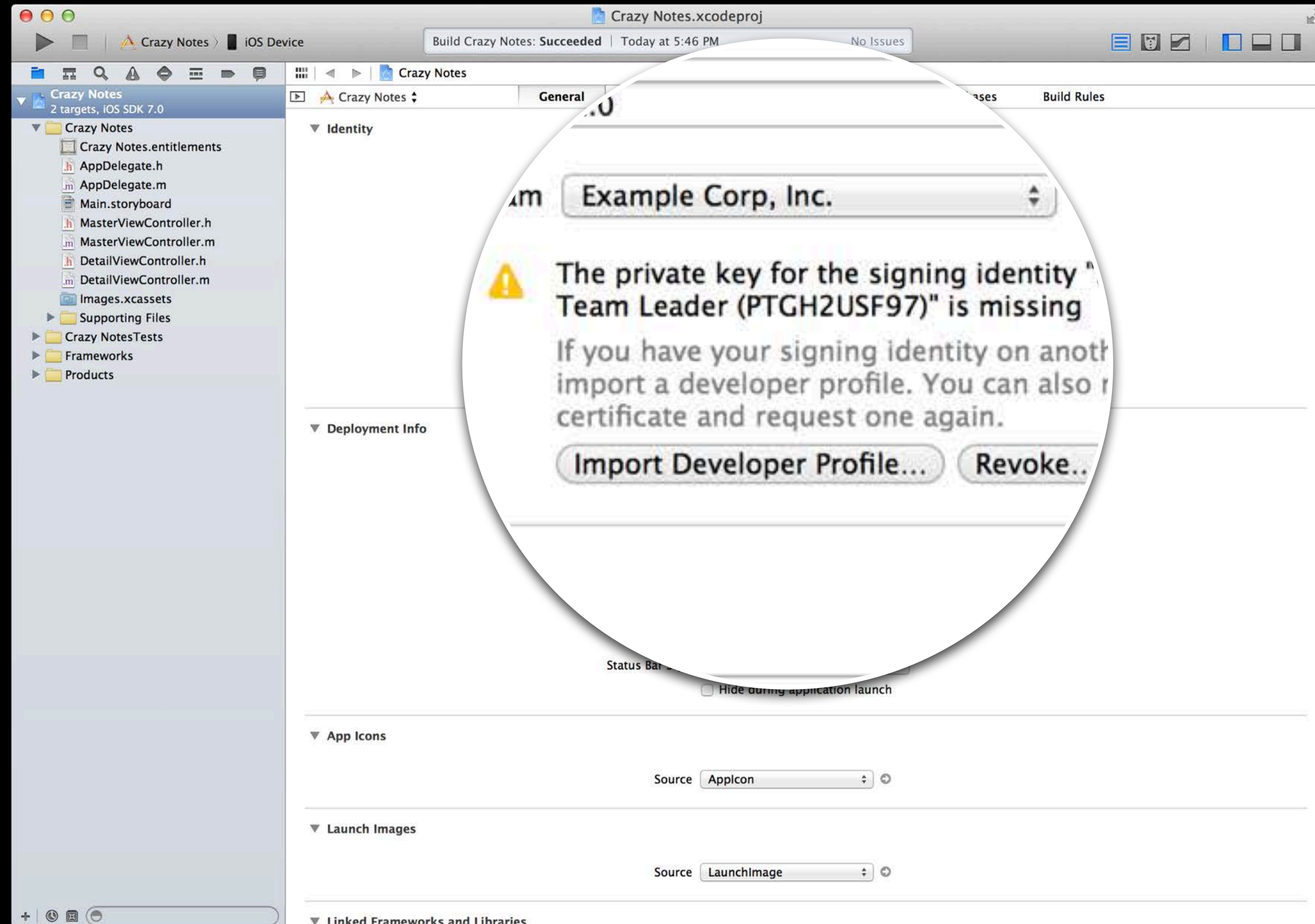
## Troubleshooting





# From Zero to App Store in Xcode

## Troubleshooting



*Demo*



# From Zero to App Store in Xcode

## Recap

- Signing assets
- Accounts
- Building, configuring and shipping
- Troubleshooting

# More Information

**Dave DeLong**

App Frameworks and Developer Tools Evangelist  
[delong@apple.com](mailto:delong@apple.com)

**Code Signing Overview**

<https://developer.apple.com/library/mac/#documentation/Security/Conceptual/CodeSigningGuide/Introduction/Introduction.html>

# Related Sessions

A Practical Guide to the App Sandbox

Russian Hill  
Wednesday 2:00PM



# Labs

Xcode Lab

Tools Lab A  
Thursday 2:00PM





 WWDC2013