Taming the **G**TV

First Steps on a new Platform

Topics

- Putting Views in Focus
- UllmageView
- Persisting Data

Putting Views in Focus

Putting Views in Focus

No touch, no pointer

- There is no touch input
- There is no cursor
- You switch between elements
- Elements gain or loose focus

Putting Views in Focus Interacting with the Focus Engine

- UIFocusEnvironment
- No way to update focus programatically
- tvOS decides what view to focus

Putting Views in Focus Which View gains Focus?

- UIWindow returns its root view controller
- UIViewController returns its view
- UIView returns self
- The deepest view that is returned gains focus

Putting Views in Focus Focus custom views

- setNeedsUpdateFocus()
- whylsThisViewNotFocusable()

UllmageView

UllmageVieW adjustsImageWhenAncestorFocused

- Can be focused
- Automatically update their focus ui
- var adjustsImageWhenAncestorFocused: Bool

Ullmage View Transform according to movement

- Has nothing to do with the focus engine
- Is done via the UIMotionEffect API

Persisting Data

Persisting Data

No permanent Store

- No persistent Store
- NSUserDefaults (max. 500KB)
- Store Data in the Cache directory
 - the Documents directory is for user generated content, anyway!
- Might be purged if disk space is low
- 200MB tops

Thank you

Michael Ochs
@_mochs
http://ios-coding.com