

# Developing for Apple Watch

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# Agenda

- Working with WatchKit
  - Demo
  - Q&A

We're all new to this  
Ask questions!

Apple Watch is Awesome

It hasn't changed *my* life

But it has changed *my Phone's* life

# Examples

# Apps

Are for Taking Action

# Runtime



# UA Record





Carrier

4:35 PM

Done

Audio

Edit

The world this week

Business

00:10 - 05:42



Tracklist

Playlist

Letters

Letters

What Russia wants

From cold war to hot war

Russia's European supporters

In the Kremlin's pocket

Venezuela

The revolution at bay

Bello

Whose oil in Brazil?

Apple Watch 42mm

Playlist ⚡ 4:35 PM

EDITION

Feb 14, 2015

Letters

Letters

Briefing: What Ru...

From cold war to...

Briefing: What Ru...

Playlist ⚡ 4:35 PM

EDITION

Feb 14, 2015

Letters

Letters

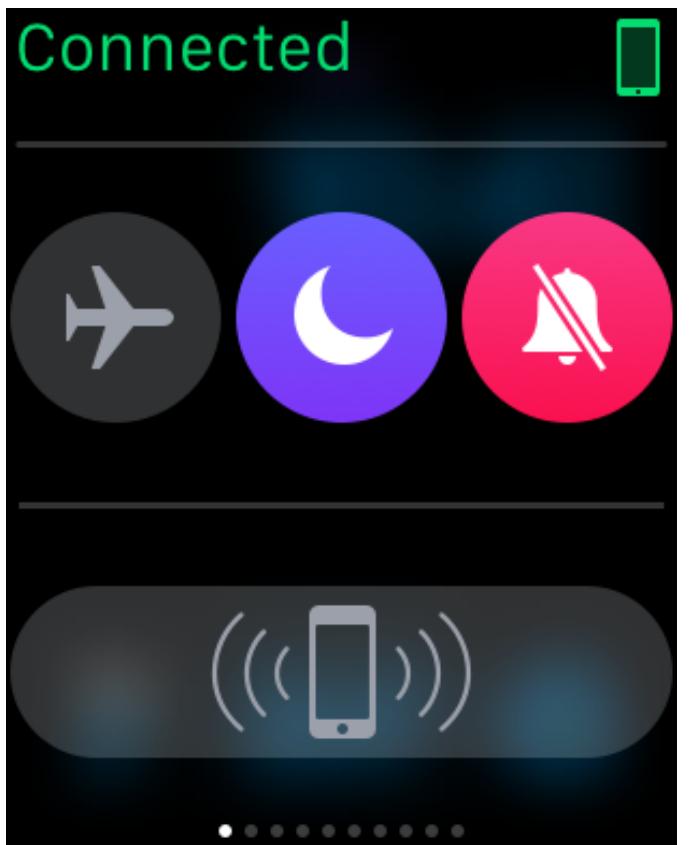
Briefing: What Ru...

From cold war to...

Briefing: What Ru...

# Glances

Quick bits of information



# Runtime Glance



# UA Record Glance

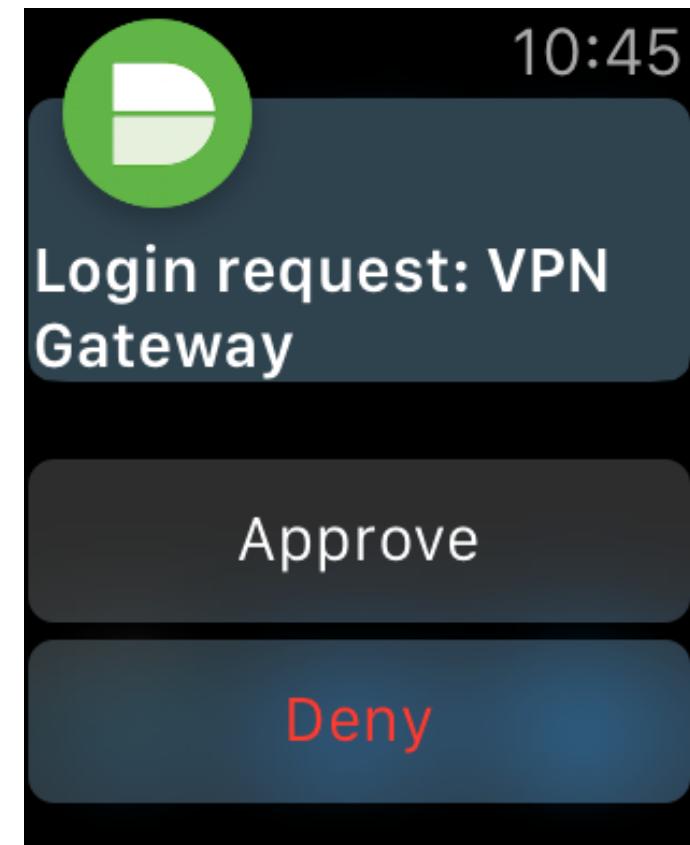
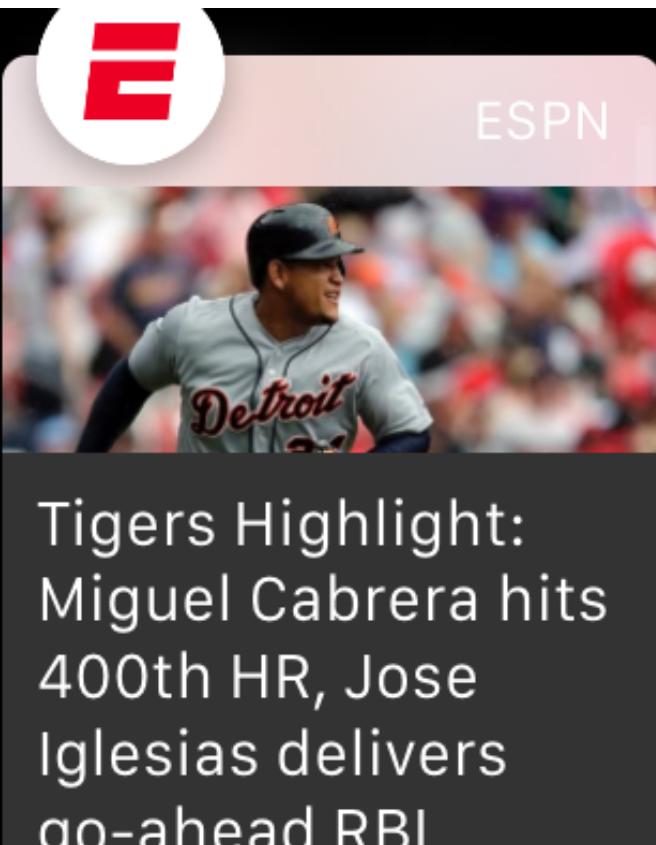
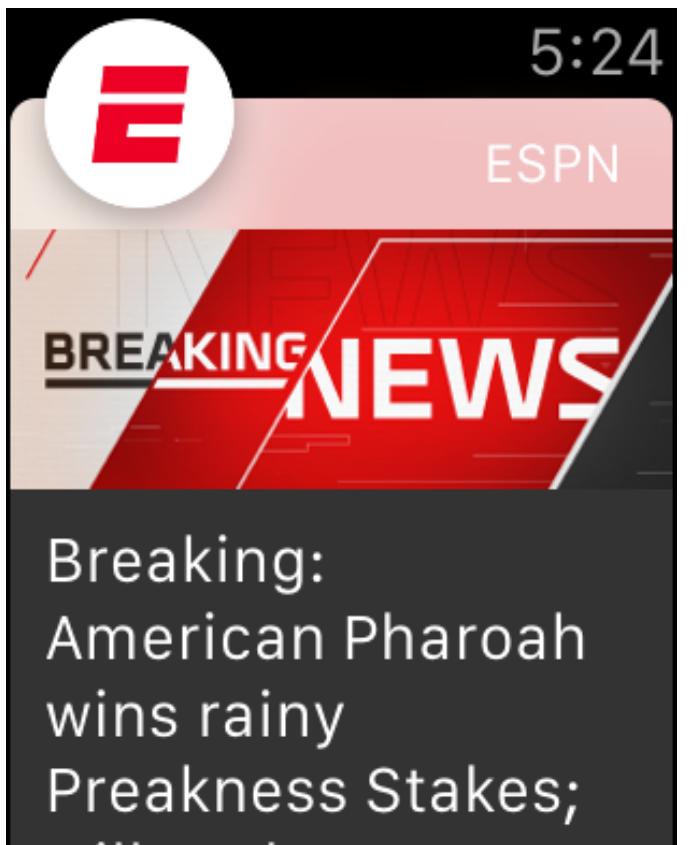


# Notifications

Very customizable

Richly detailed

Actionable

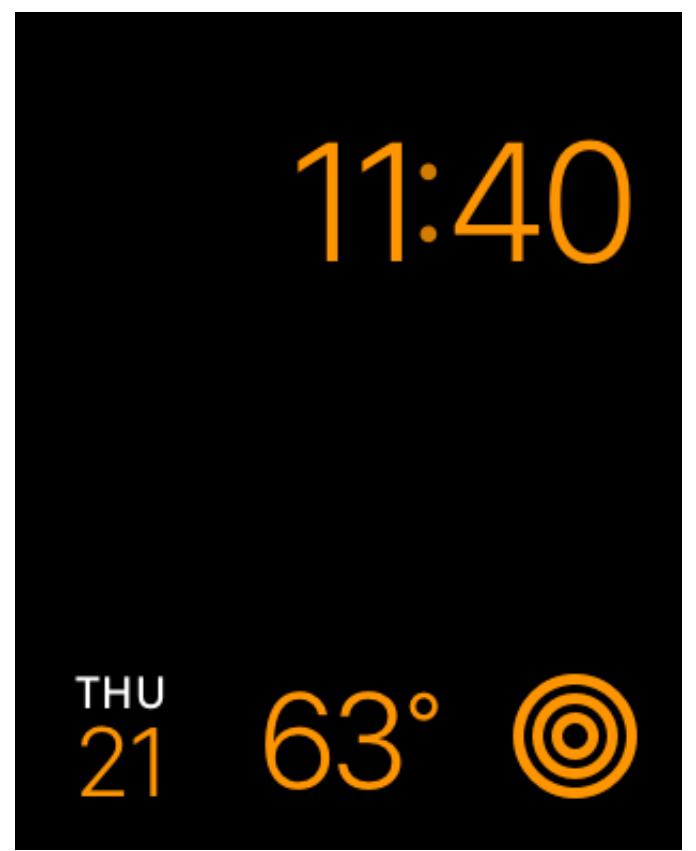


# UA Record Notifications



# Complications

Quickest bits of information



# Example: Runtime Complication



# Example: Record Complication



# Working with WatchKit

# There's not much code!

Unlimited Undo & Redo

Precise control over font, text style, & paragraph settings

Writing tools

Color palette

Transpare Effects

- Drawing tools
- Text spacing
- Alignment
- Grid tool

Extreme setting

ARCHITECT: XCODE #1

NEW

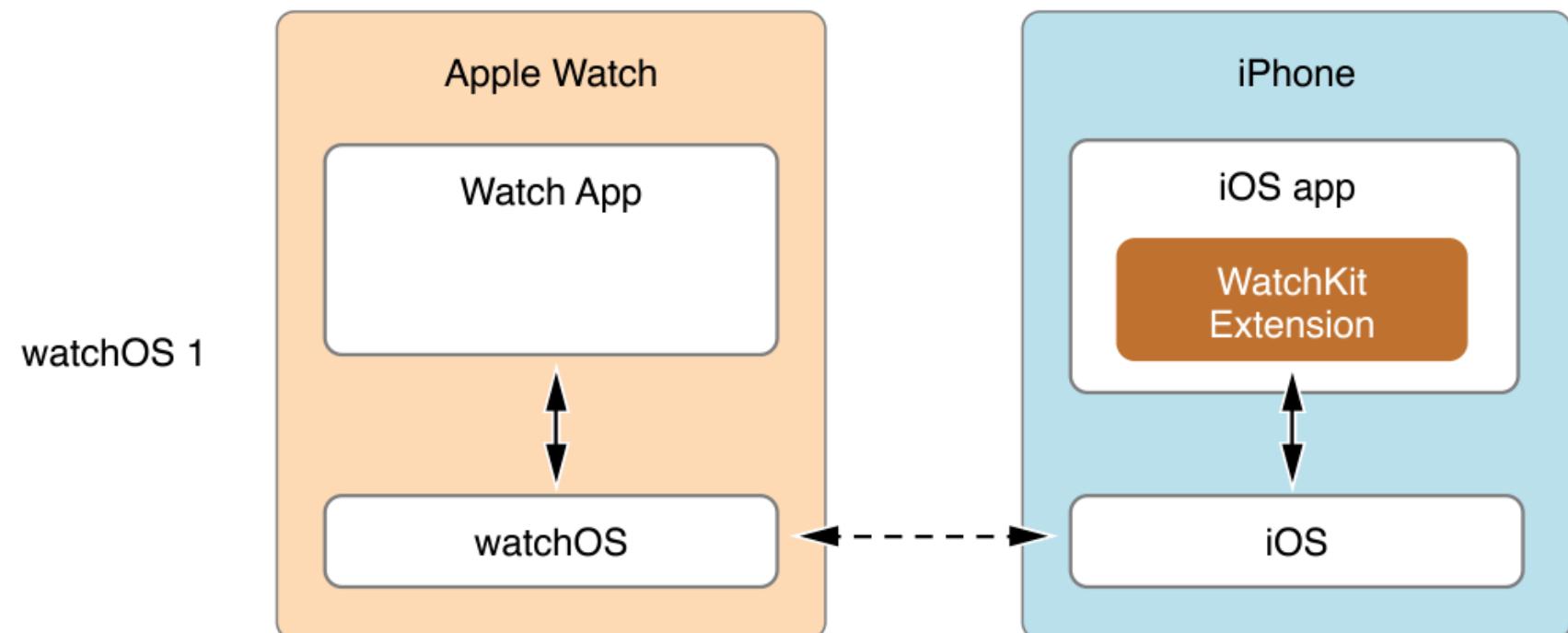
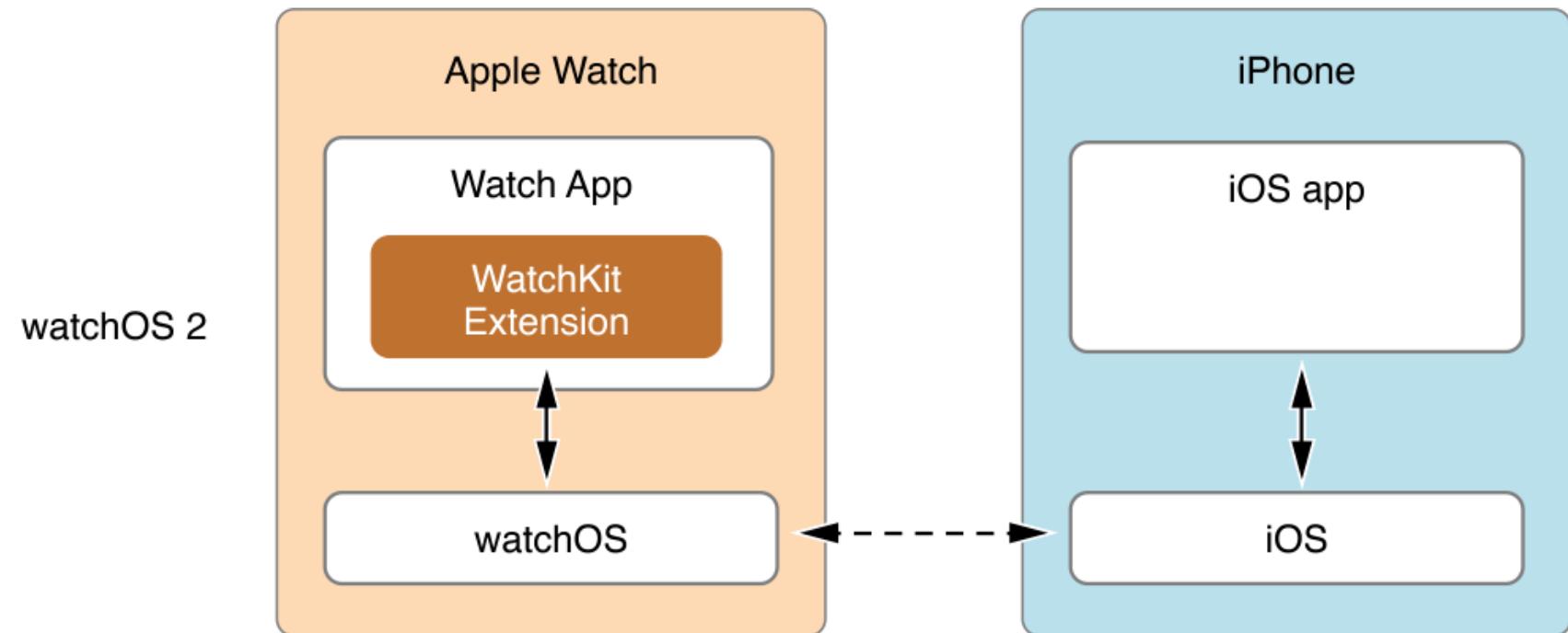
# Access to iPhone App

Data and sensors from the iPhone

Existing iPhone code

# Extensions

Apple Watch apps are driven by Extensions

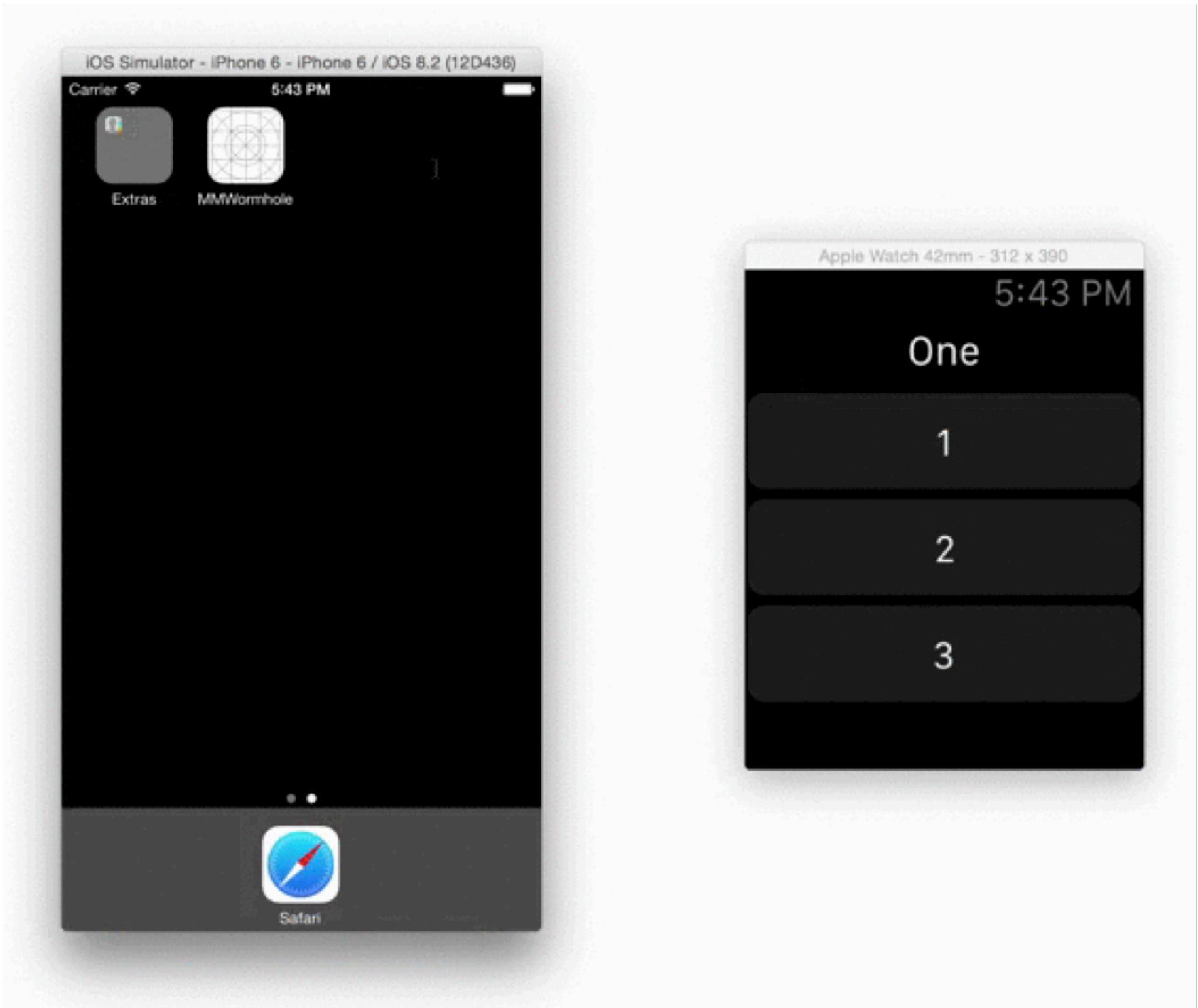


# Communication

Message Passing and File Transfer

# MMWormhole

<http://github.com/mutualmobile/mmwormhole>

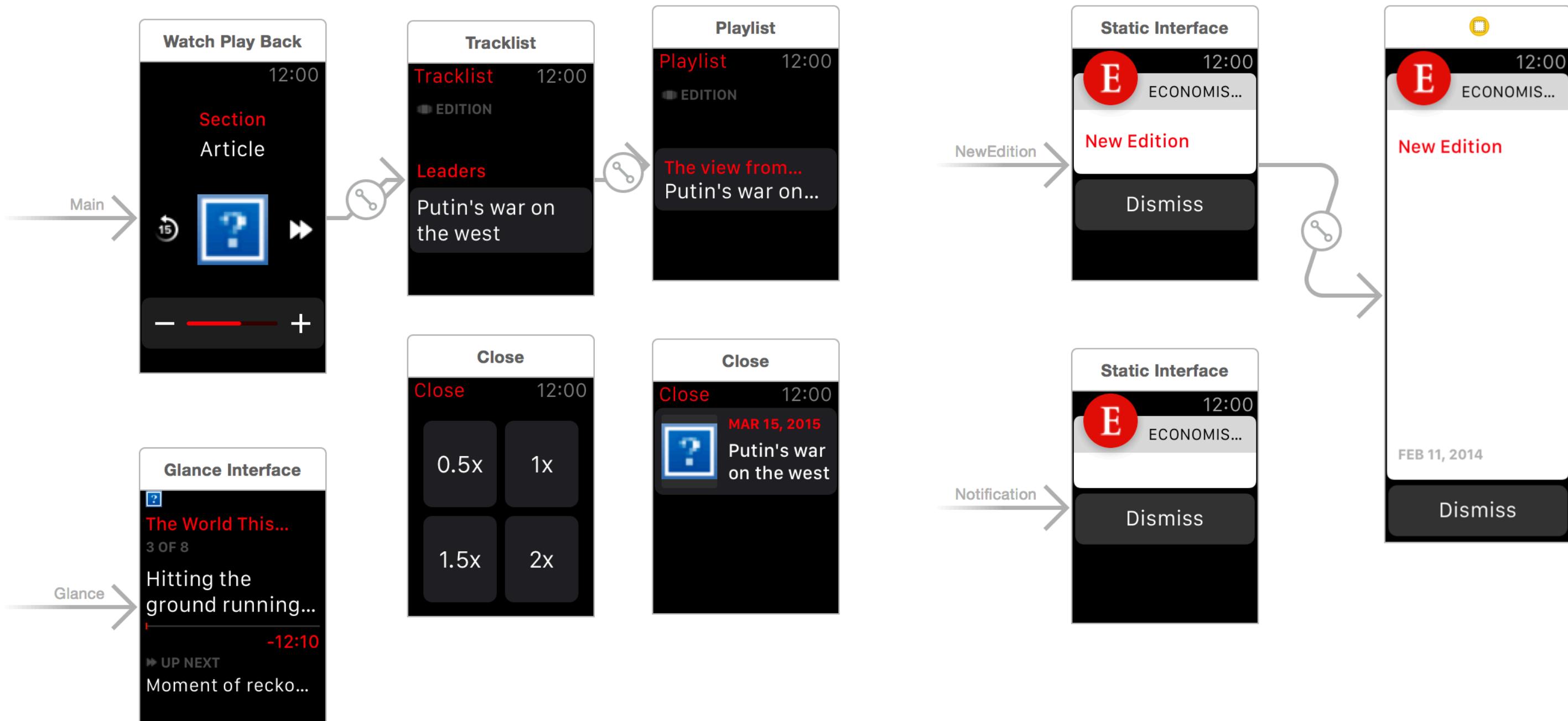


# ~~View~~ Interface Controllers

Every screen is backed by a light weight interface controller

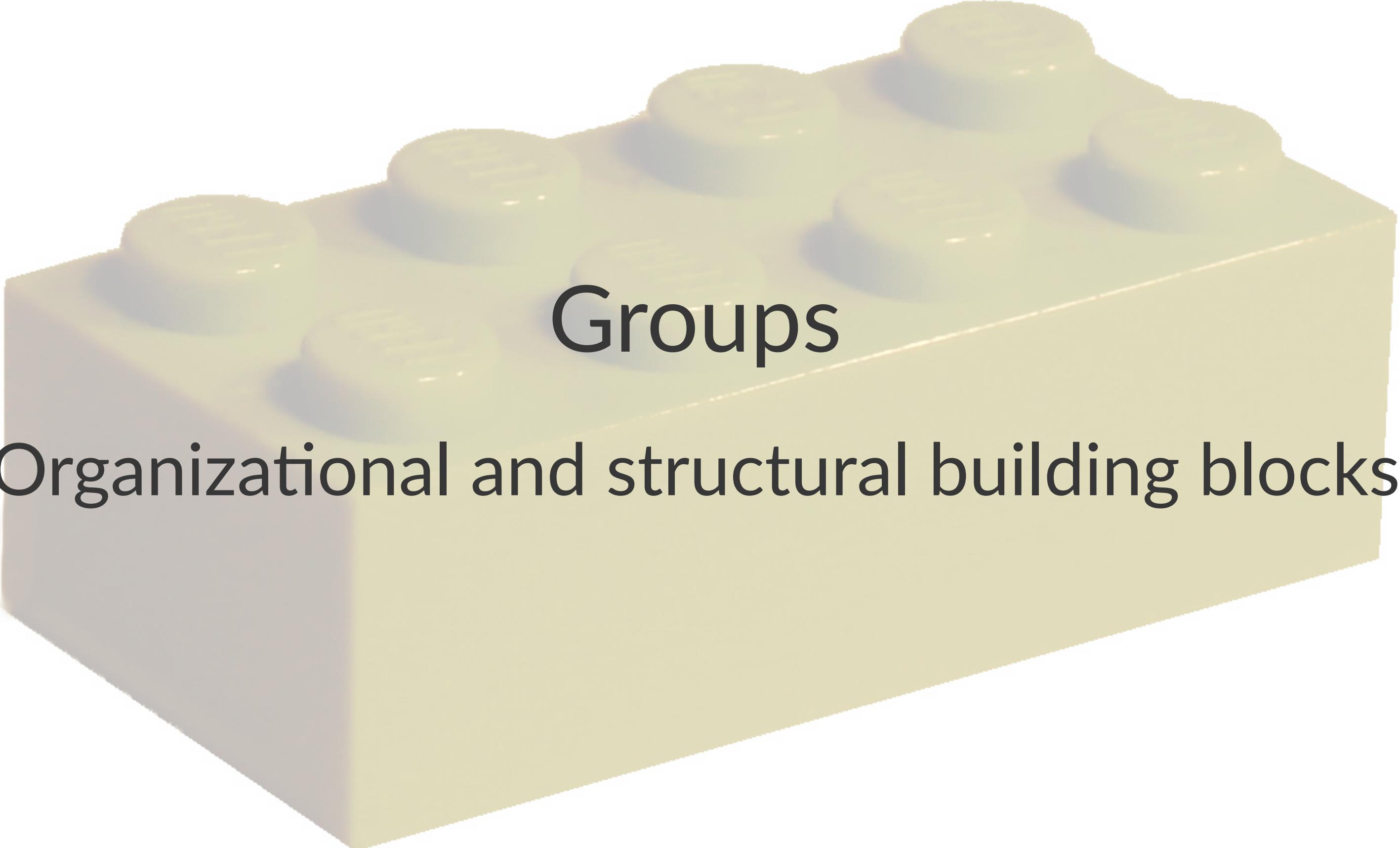
# Storyboards

Watch app UI is entirely defined using Storyboards



# Relative Layout

Layout based on dynamic content size, relative margins and percentages

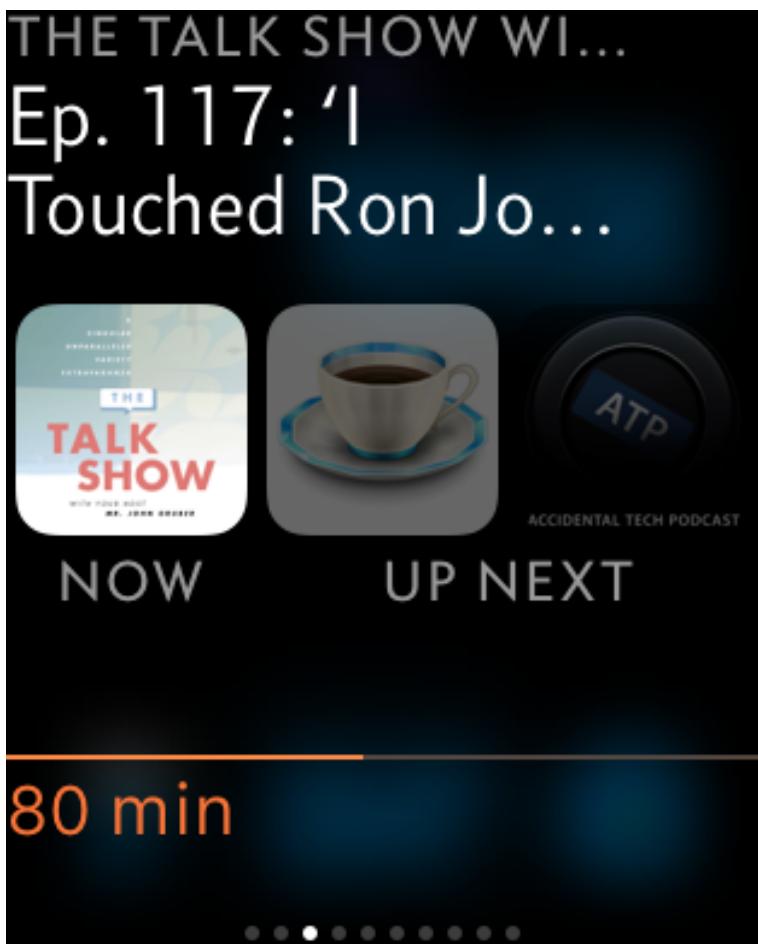
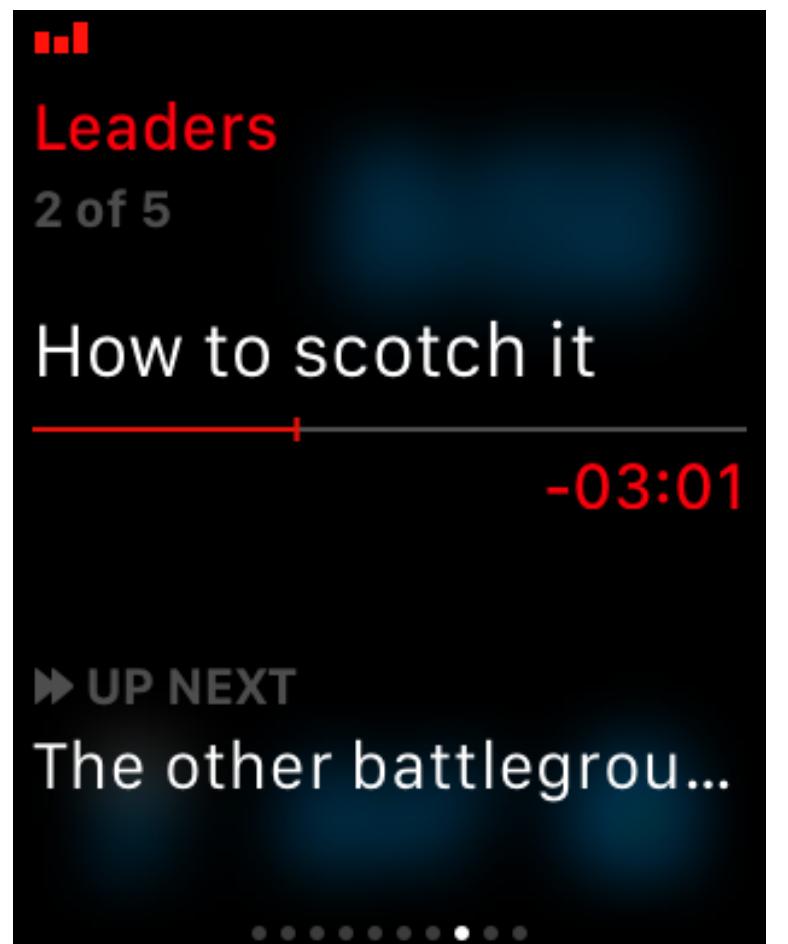


# Groups

Organizational and structural building blocks

# Labels

Attributed text, dynamic type, multiline text layout

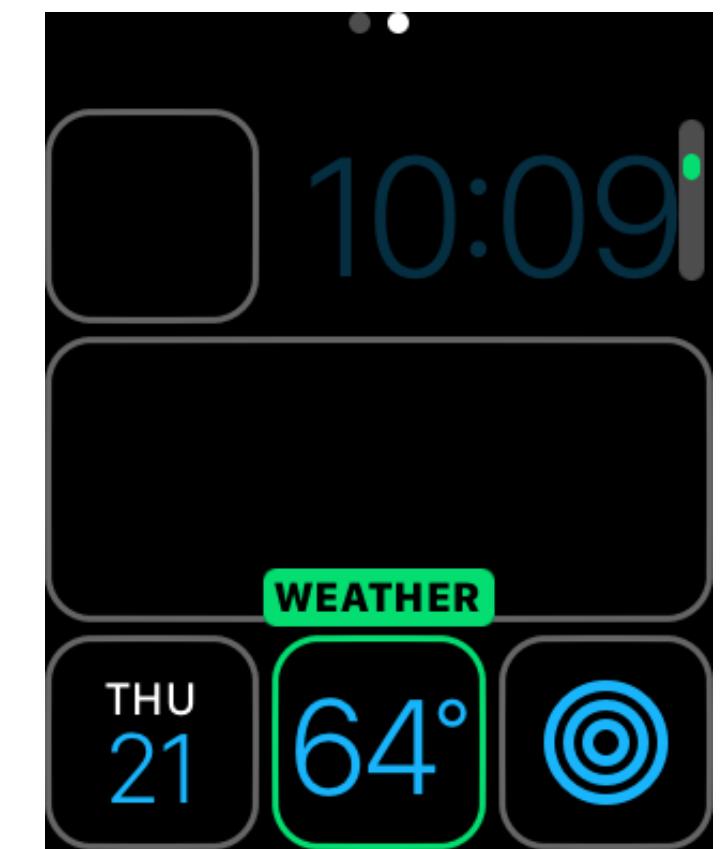
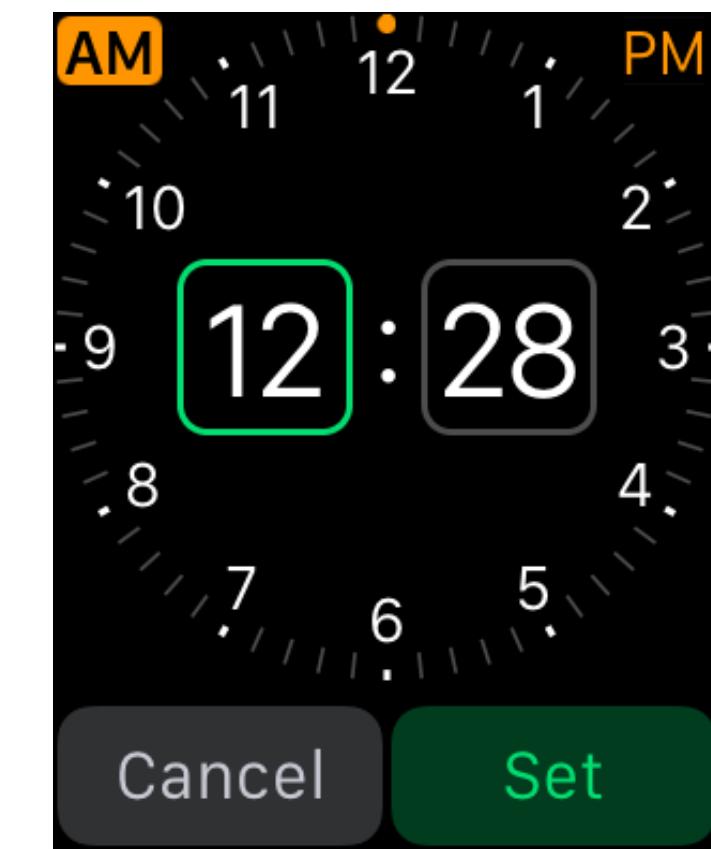
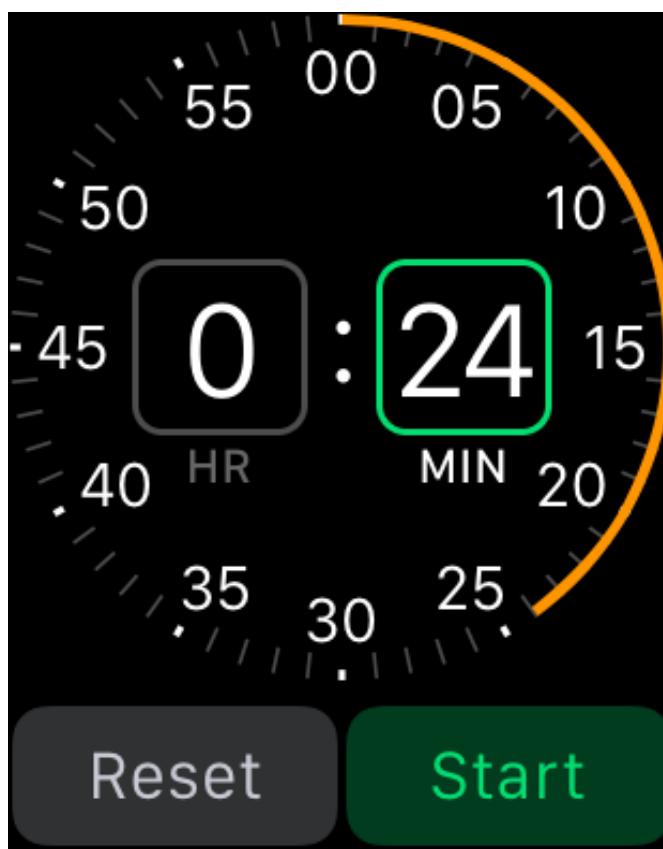


Buttons, Switches, Sliders,  
Separators, Tables, oh my!

All the standard controls

# Digital Crown

## WKInterfacePicker

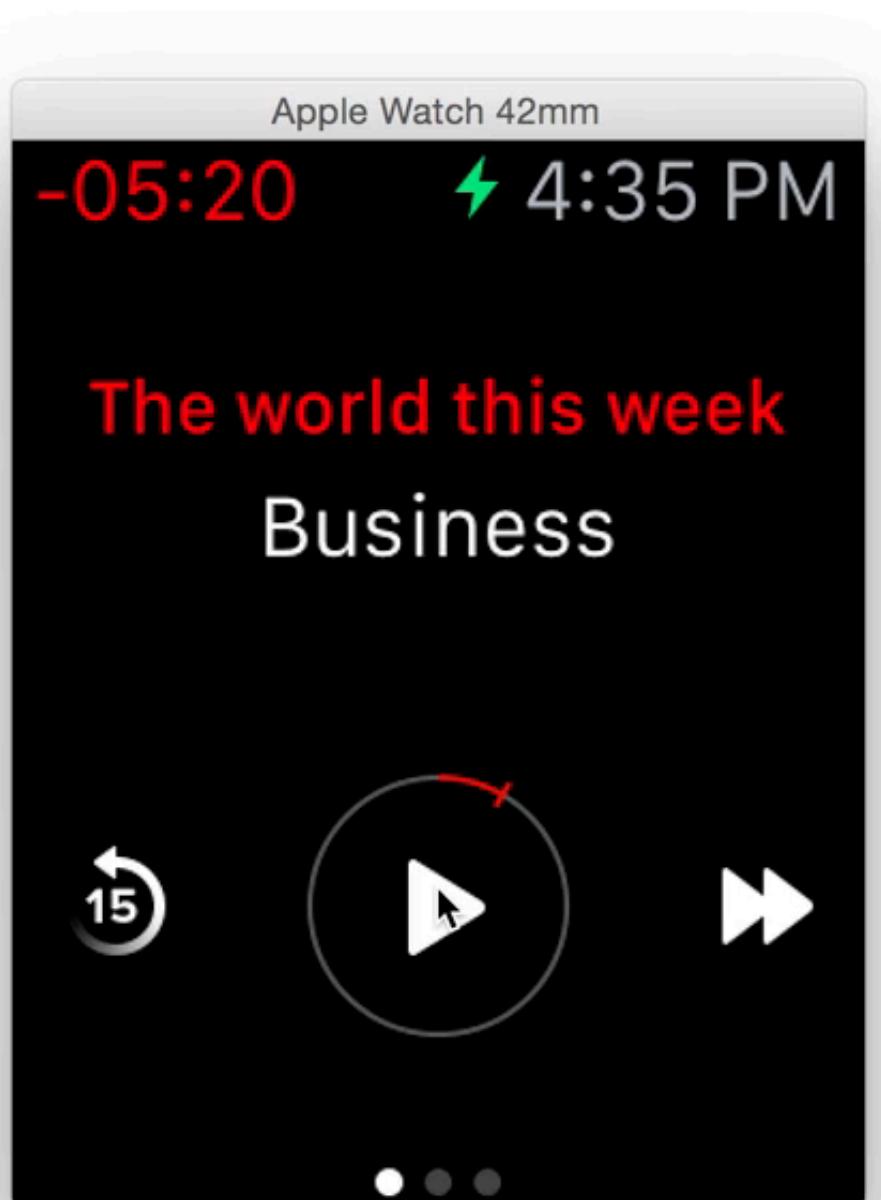


# Images

Asset catalogues, bundled images, dynamically cached images

# Image Sequences

Animations! ... sort of



If you could have any button on your  
wrist, what would it be?

Chipotle

6:33



♥ MY ORDER

5:15



7:04

pumpkin

1:31

# Demo

Q&A

# Interns

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# Thanks!

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