

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

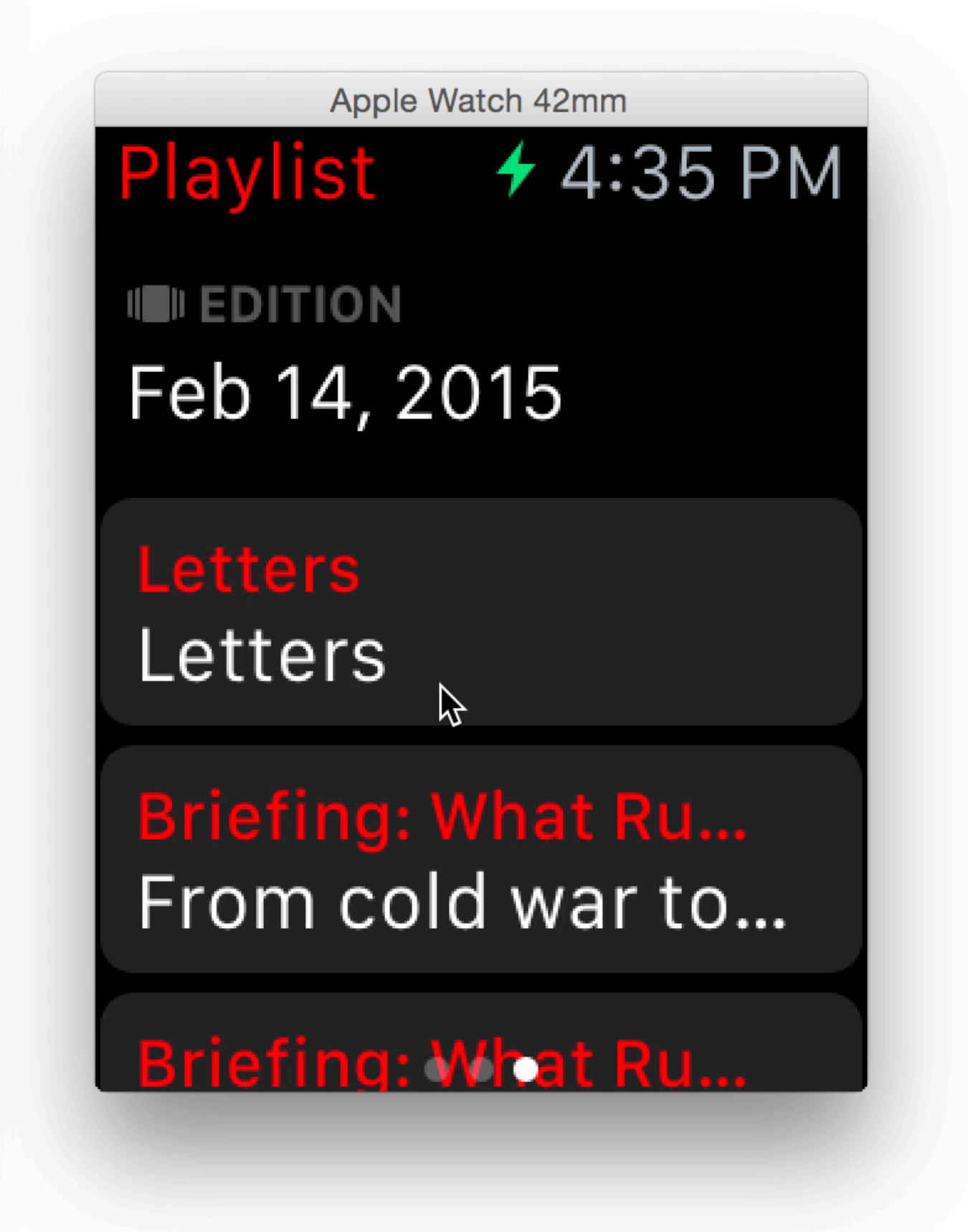
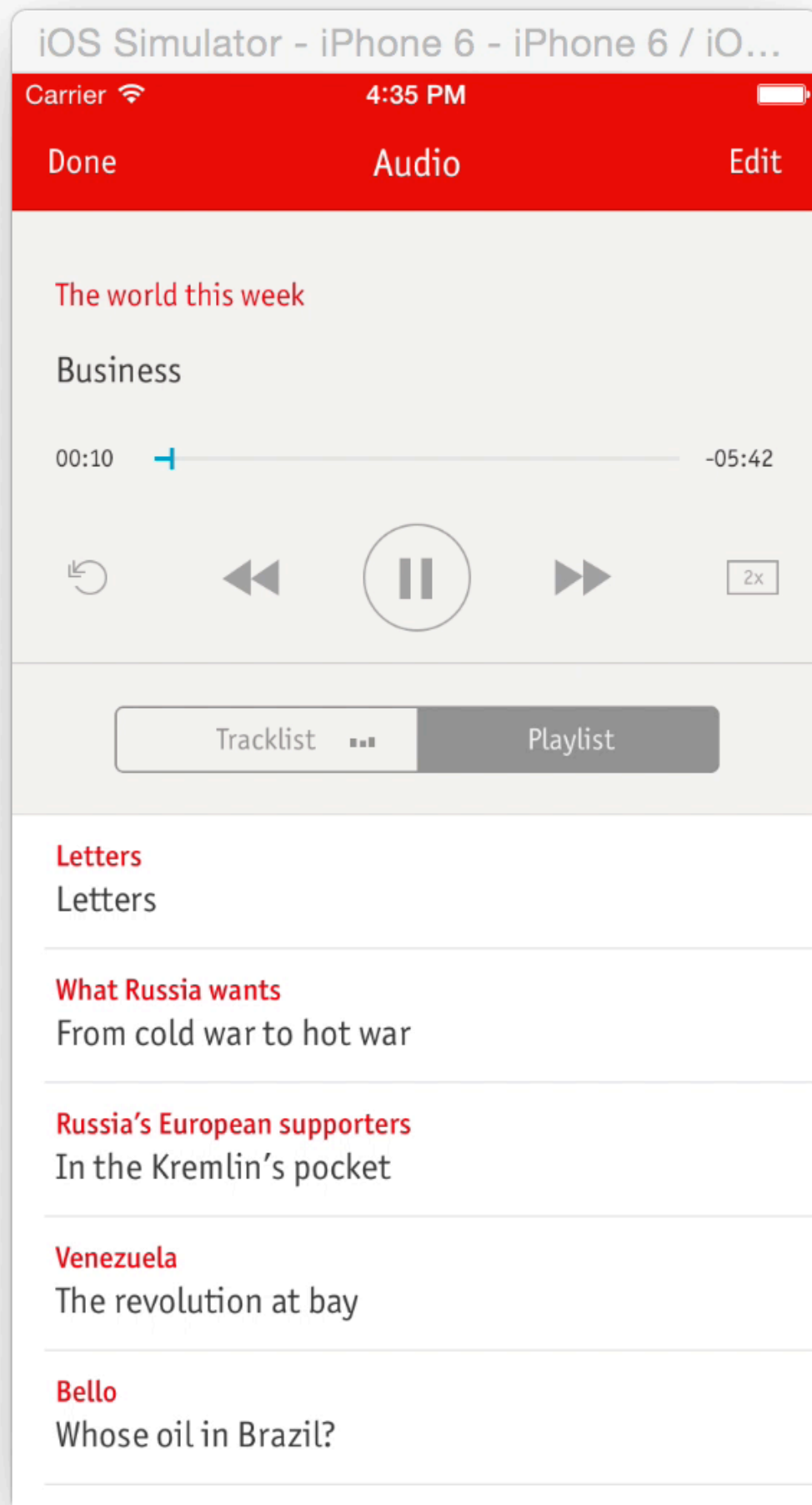
Runtime



UA Record

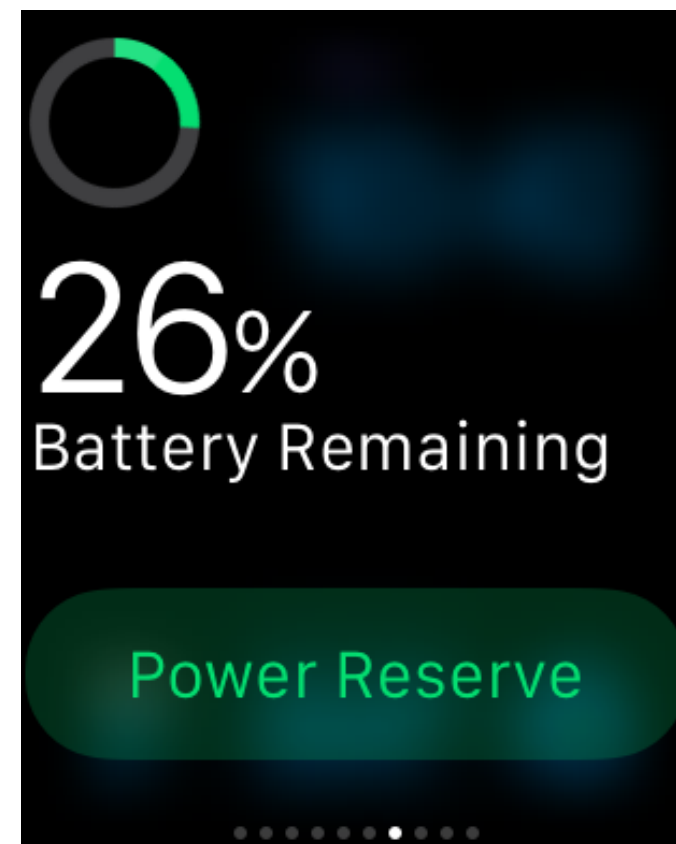
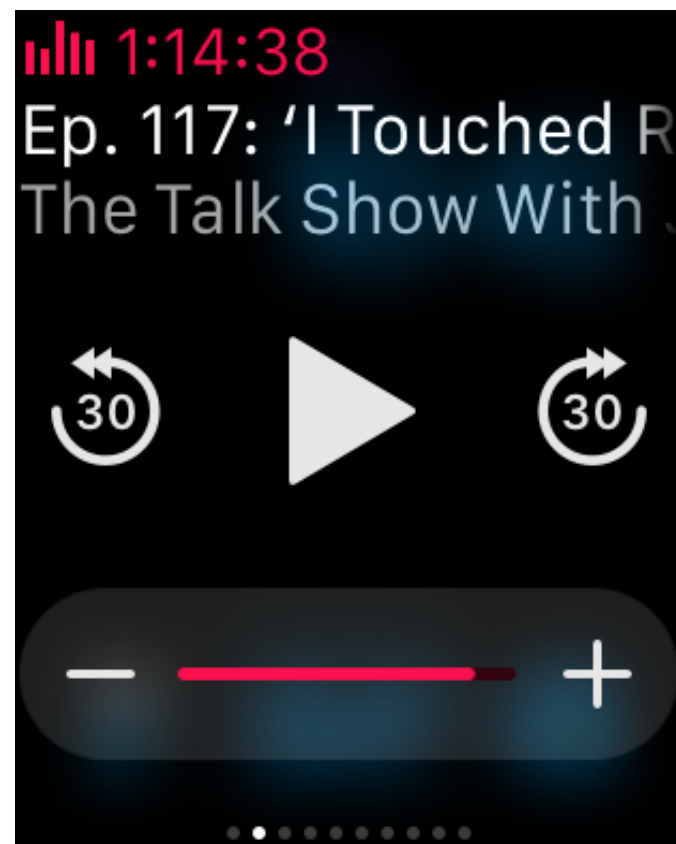
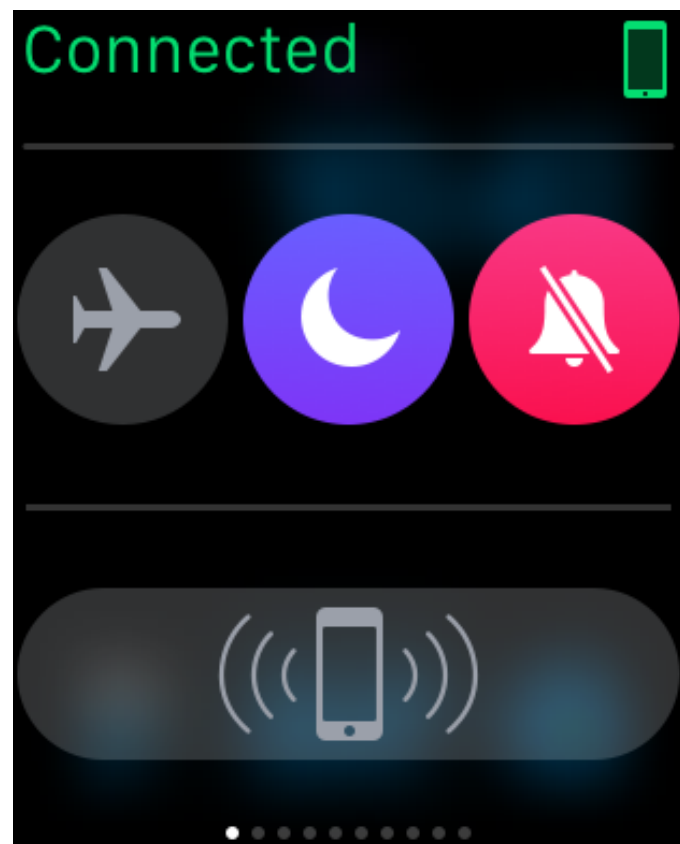






Glances

Quick bits of information



Runtime Glance



UA Record Glance

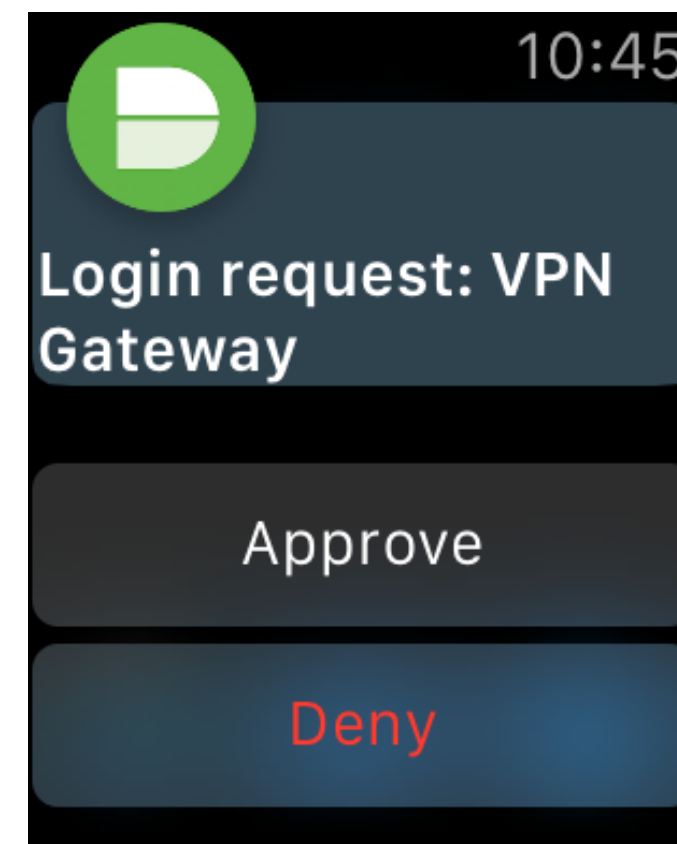
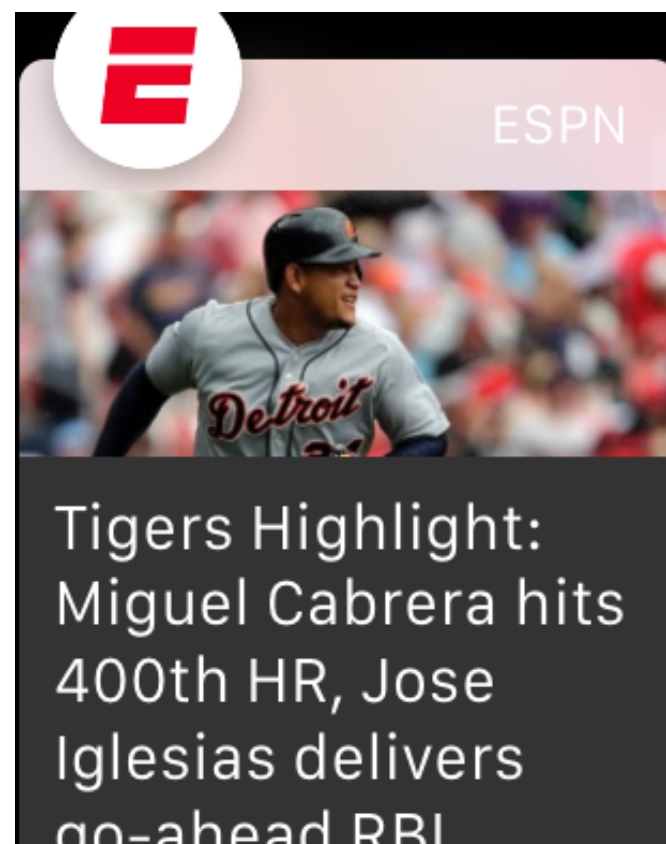


Notifications

Very customizable

Richly detailed

Actionable

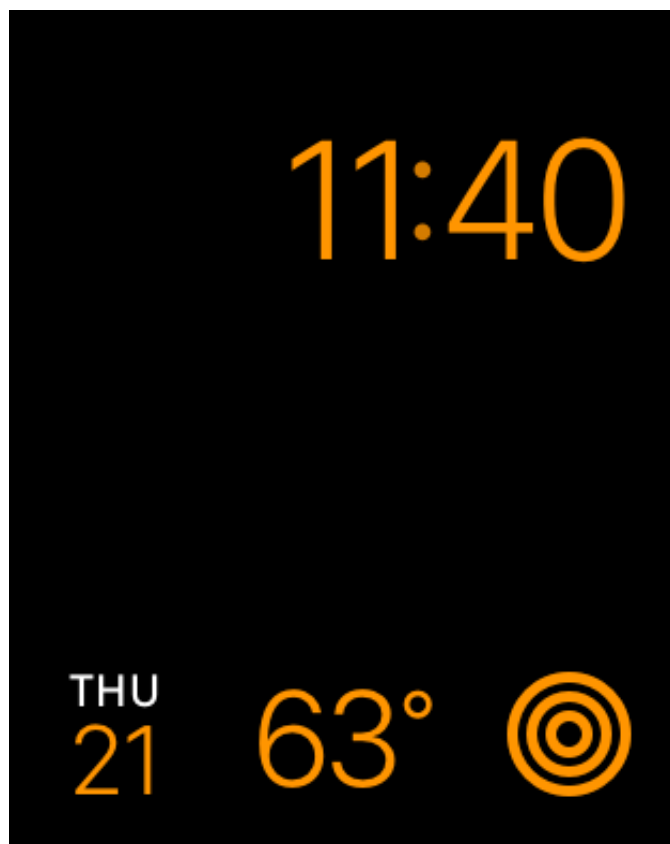


UA Record Notifications



Complications

Quickest bits of information



Example: Runtime Complication



Example: Record Complication



Working with WatchKit



The image shows a blue architectural blueprint with white lines and text. A silver pen with a black grip is lying diagonally across the center. A silver clip is visible in the top right corner. The blueprint contains several handwritten-style text labels with arrows pointing to specific areas: 'Unlimited Undo & Redo' in the top left, 'Precise control over font, text style, & paragraph settings' in the middle left, 'Writing tools' in the bottom left, 'Color palette' in the top right, 'Transpare Effects' in the middle right, 'Measuring tools' in the top right, 'Text spacing', 'Alignment', and 'Grid tool' in the middle right, 'Extreme' in the bottom right, and 'ARCHITECT: XCODE #1' in the bottom right. The text 'There's not much code!' is overlaid in the center.

There's not much code!

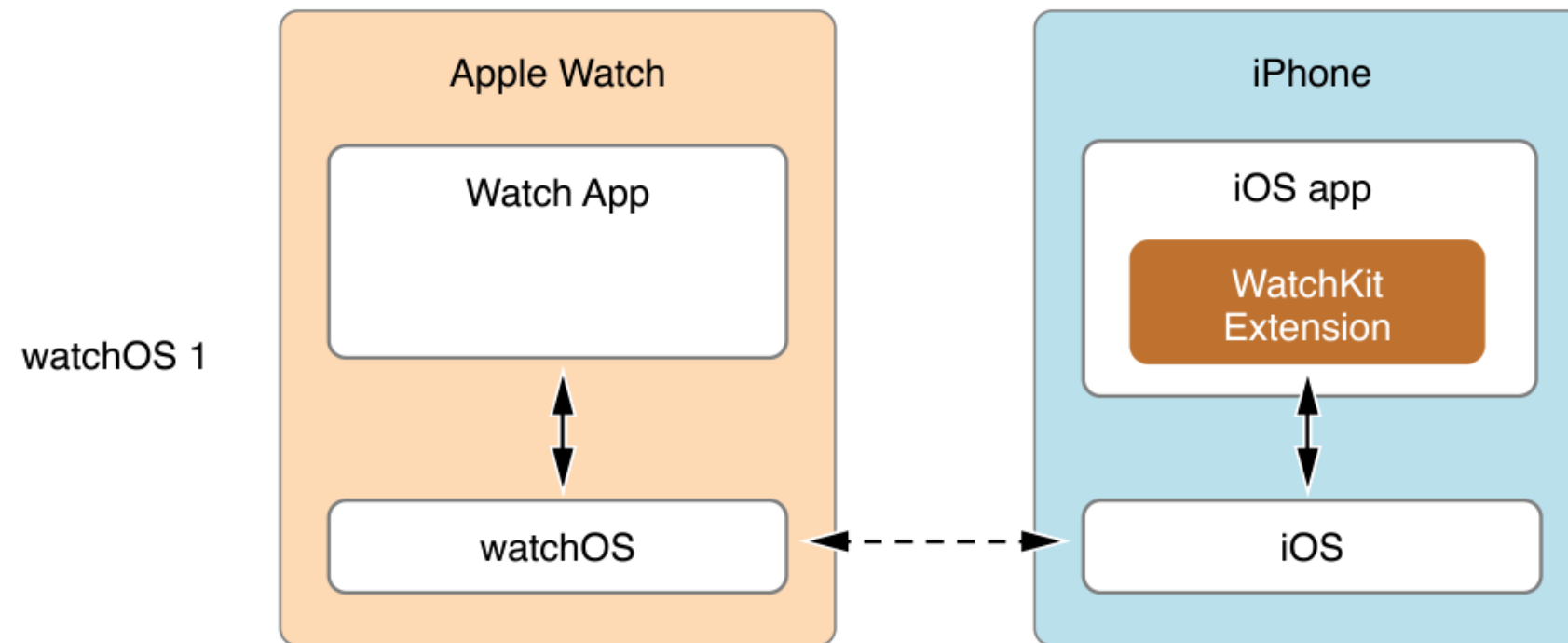
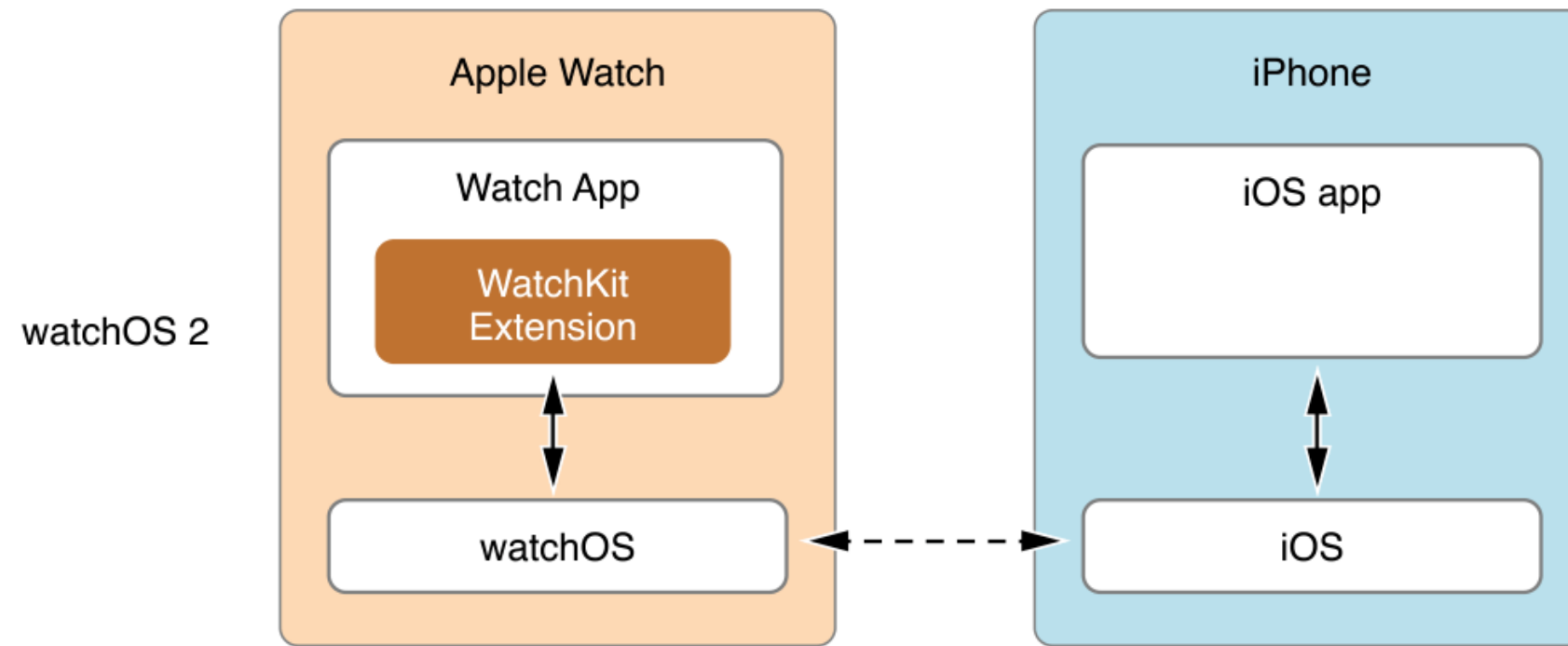
Access to iPhone App

Data and sensors from the iPhone

Existing iPhone code

Extensions

Apple Watch apps are driven by Extensions

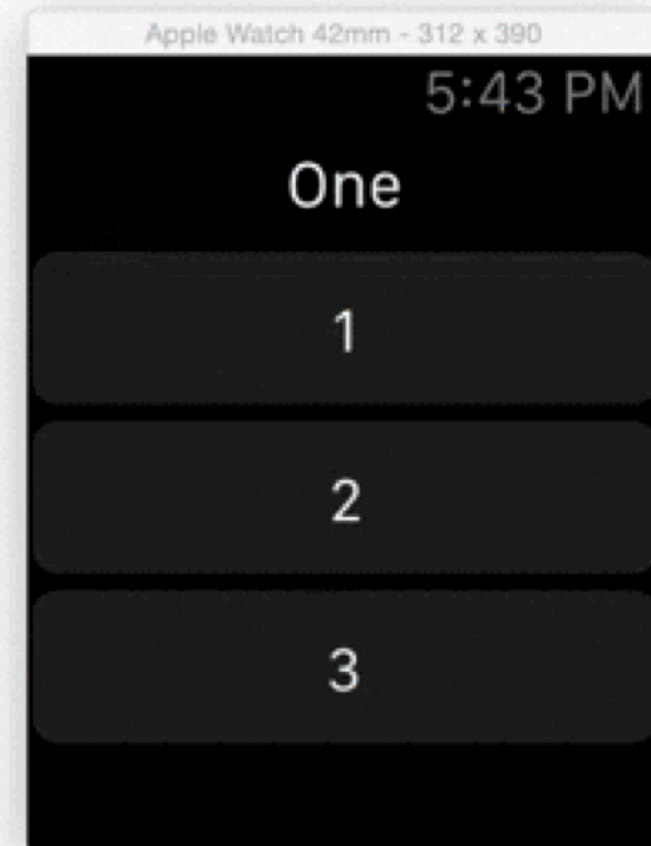


Communication

Message Passing and File Transfer

MMWormhole

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

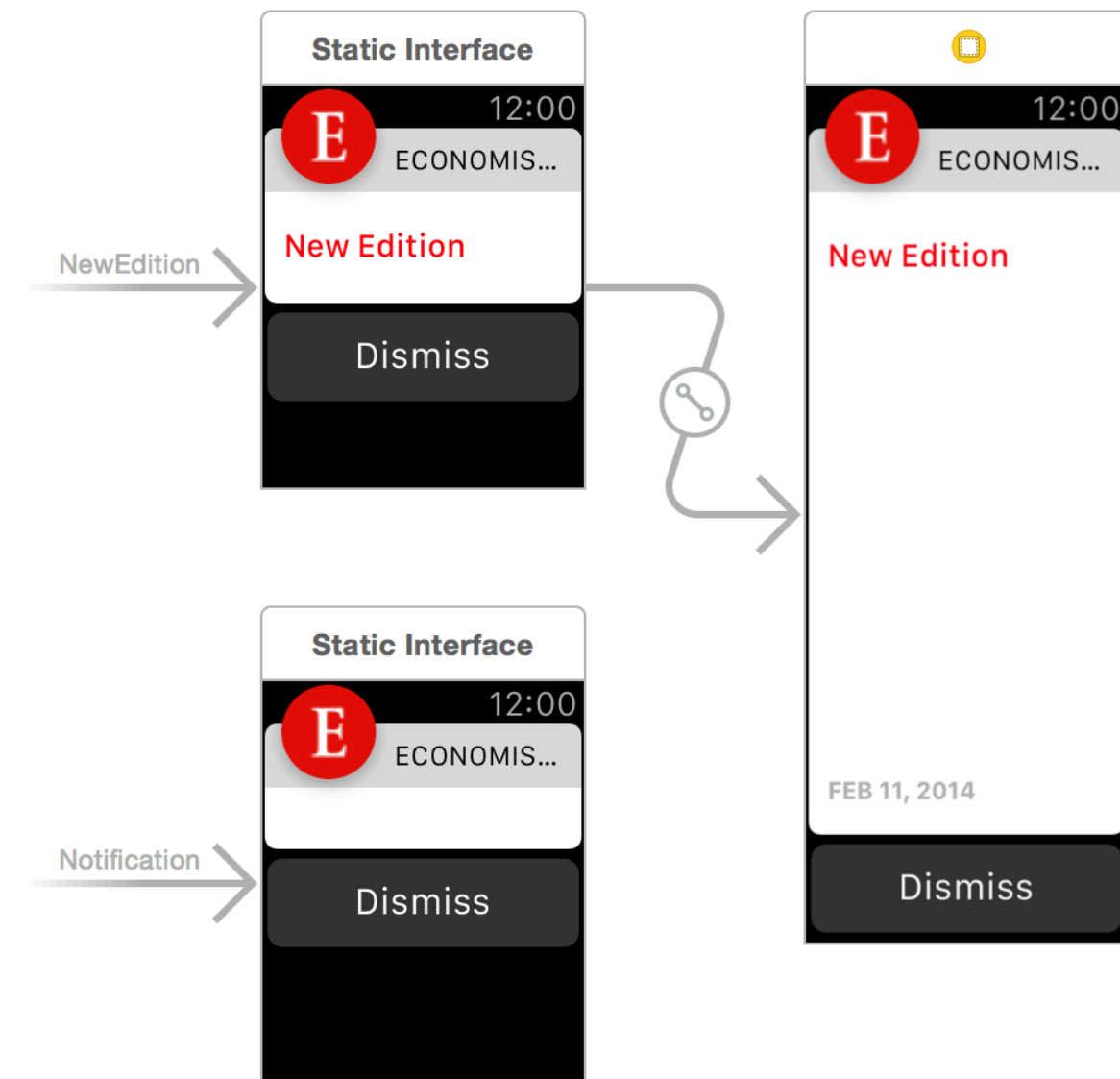
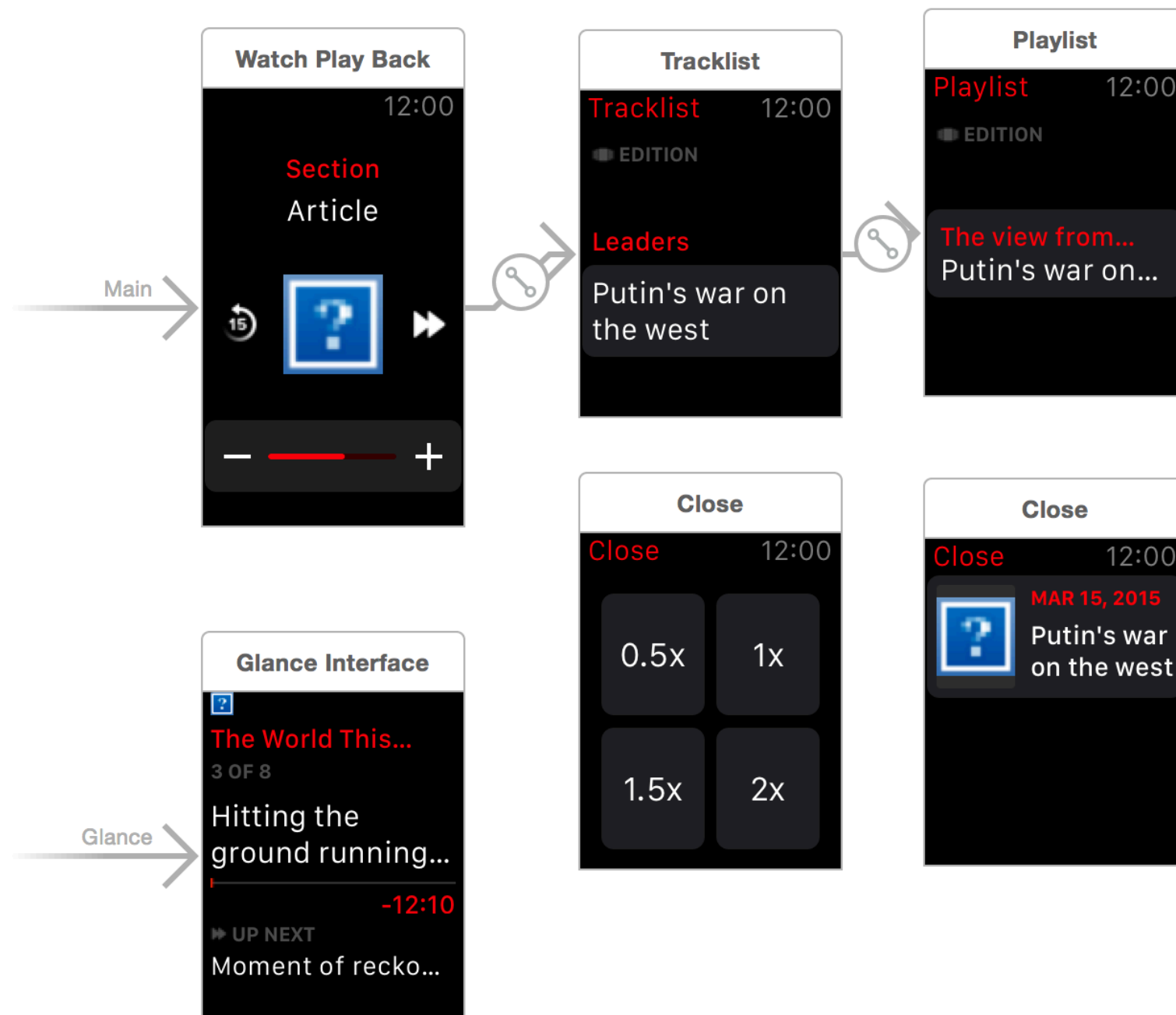


~~View~~ Interface Controllers

Every screen is backed by a light weight interface controller

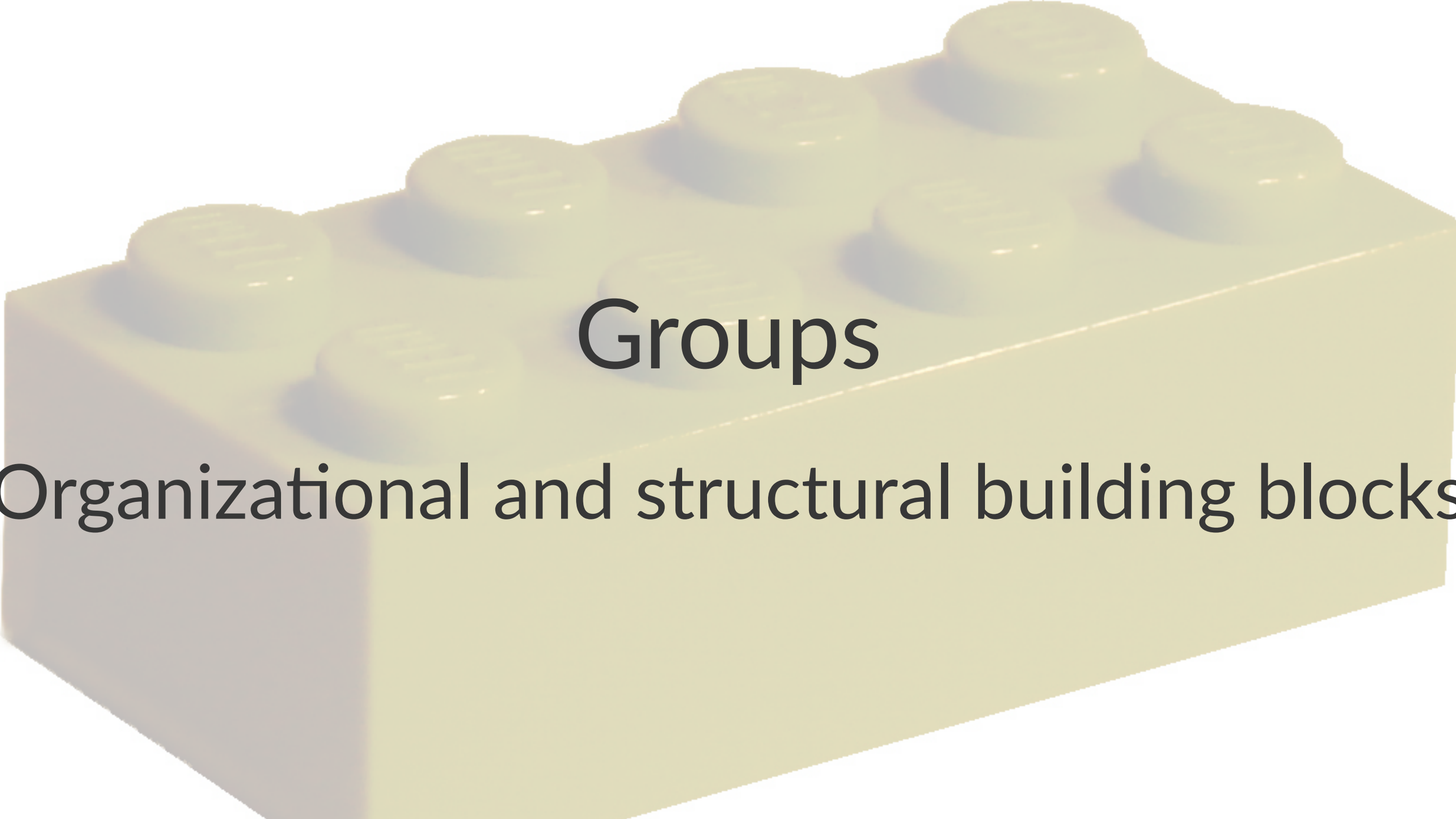
Storyboards

Watch app UI is entirely defined using Storyboards



Relative Layout

Layout based on dynamic content size, relative margins and percentages

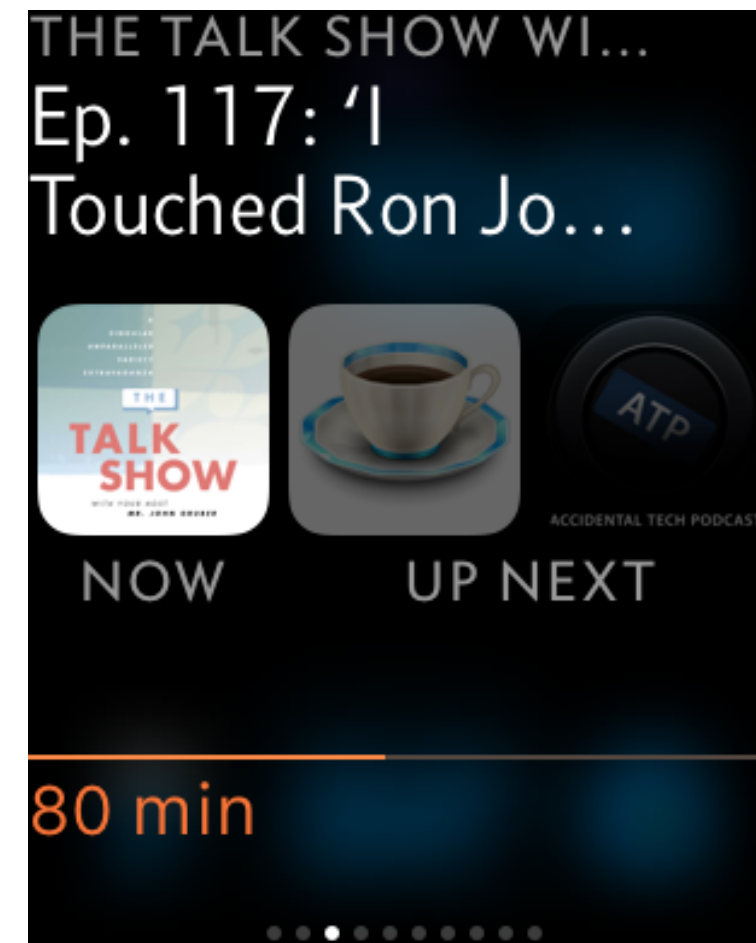
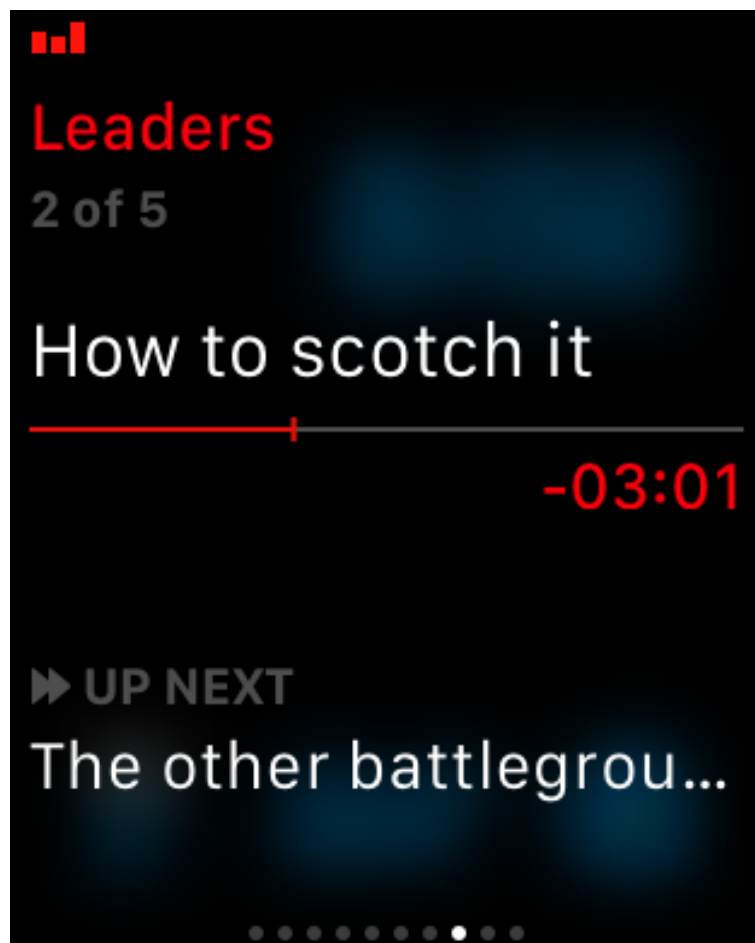
A yellow 1x4 LEGO brick is shown from a three-quarter perspective. It has eight circular studs on its top surface, arranged in two rows of four. The brick is semi-transparent, allowing the text to be visible through it.

Groups

Organizational and structural building blocks

Labels

Attributed text, dynamic type, multiline text layout

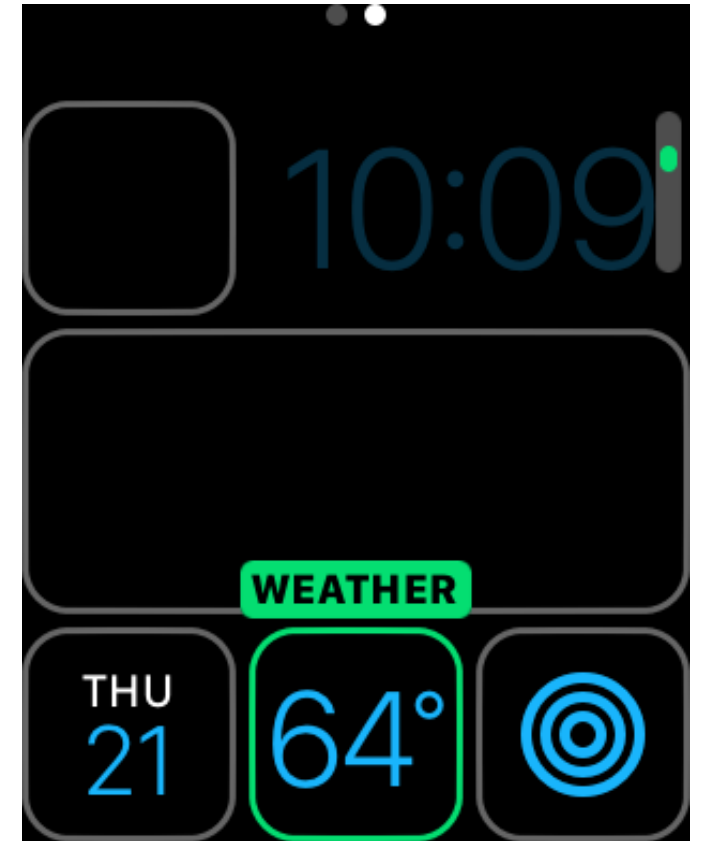
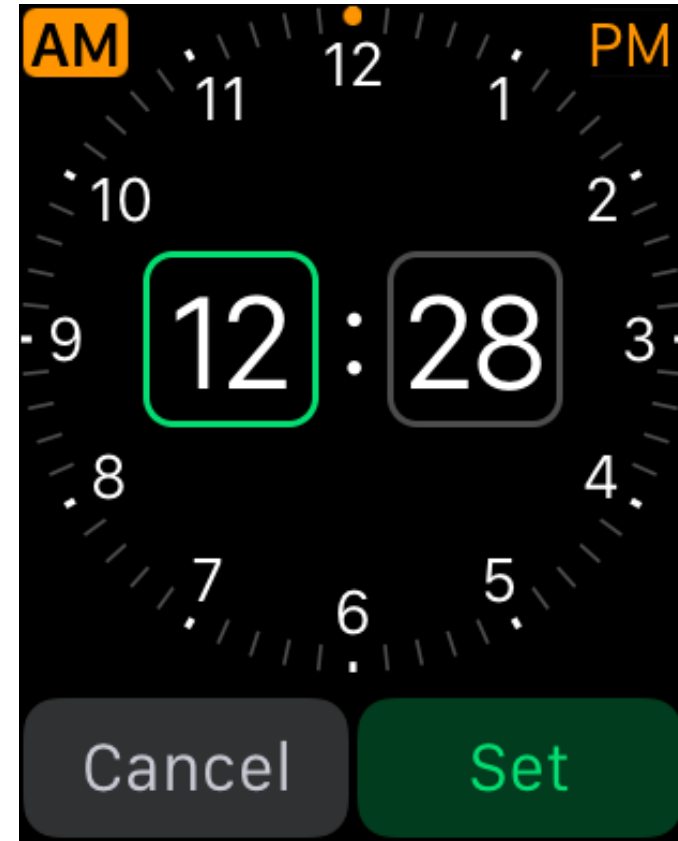
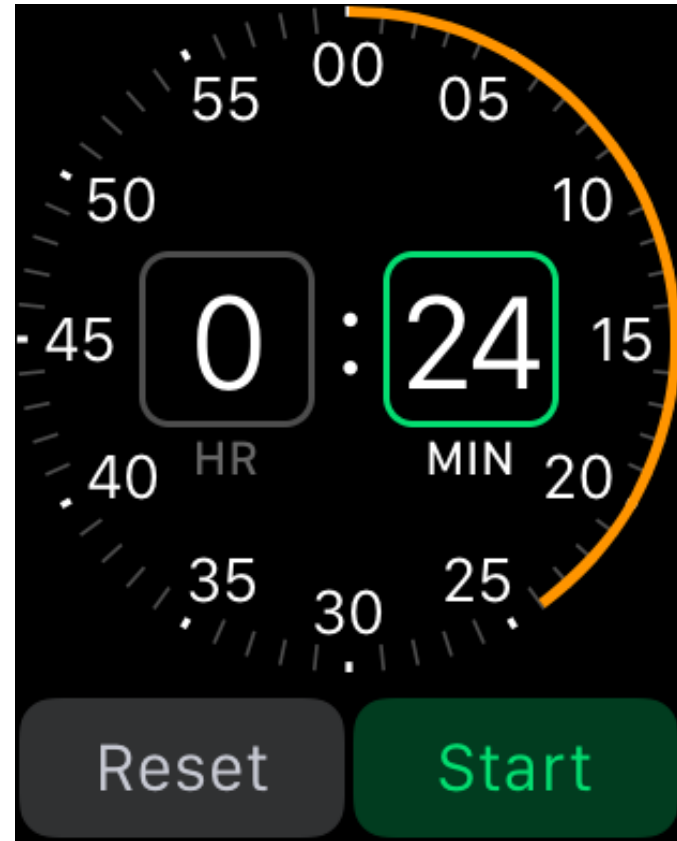


Buttons, Switches, Sliders, Seperators, Tables, oh my!

All the standard controls

Digital Crown

WKInterfacePicker



Images

Asset catalogues, bundled images, dynamically cached images

Image Sequences

Animations! ... sort of

iOS Simulator - iPhone 6 - iPhone 6 / iO...

Carrier 4:35 PM

The Economist February 14th 2015

As Ukraine suffers, it is time to recognise the gravity of the Russian threat—and to counter it



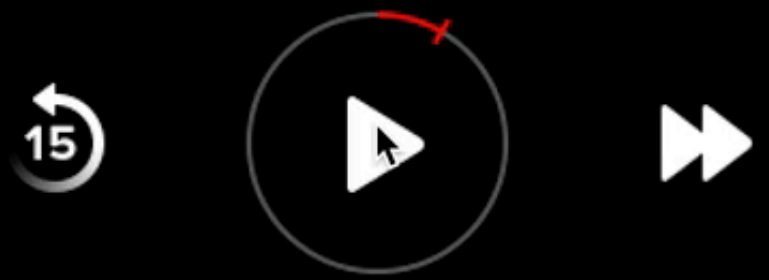
Read



Apple Watch 42mm

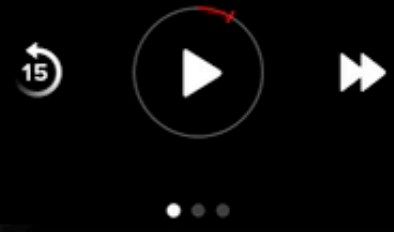
-05:20 4:35 PM

The world this week
Business



-05:20 4:35 PM

The world this week
Business



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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