



**Ionic Webinar**

# Housekeeping Items

The presentation is being recorded

The length will be ~30 mins

Slides will be sent out after the event

Submit questions for Q&A at the end

# Today's guests

**Mike Hartington**

Developer Advocate



**Brandy Carney**

Framework Lead





# Ionic Framework

What's new in Ionic

Mike Hartington

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# What is Ionic

Components, Gestures, Animations

Mobile at first, but now everywhere

iOS, Android, Desktop, PWA

# **A long time ago...**

Ionic was only Angular

Wanted to support other tools

But not rewrite over and over

**Enter Web Components**

**~6 months of work**

Rewrote as Web Components

Components are self-contained

Framework adaptors when needed (Routing)



# Enter Ionic 4.0

*Ionic For everyone*

## What did the people say

Huge success with devs and large teams

Refocused our energy in different areas

Following the Angular ecosystem better

**So what happens next?**

**We spent about a year of work on V4**

## Platforms move fast

iOS had released iOS 12 and iOS 13

Material Design had evolved even more

PWA's got even more important

# Ionic Design had fallen behind

Components needed a refresh

Remove old deprecated APIs

Angular Ivy 🌿 and other framework updates

**Let's Dive In**

**Design**

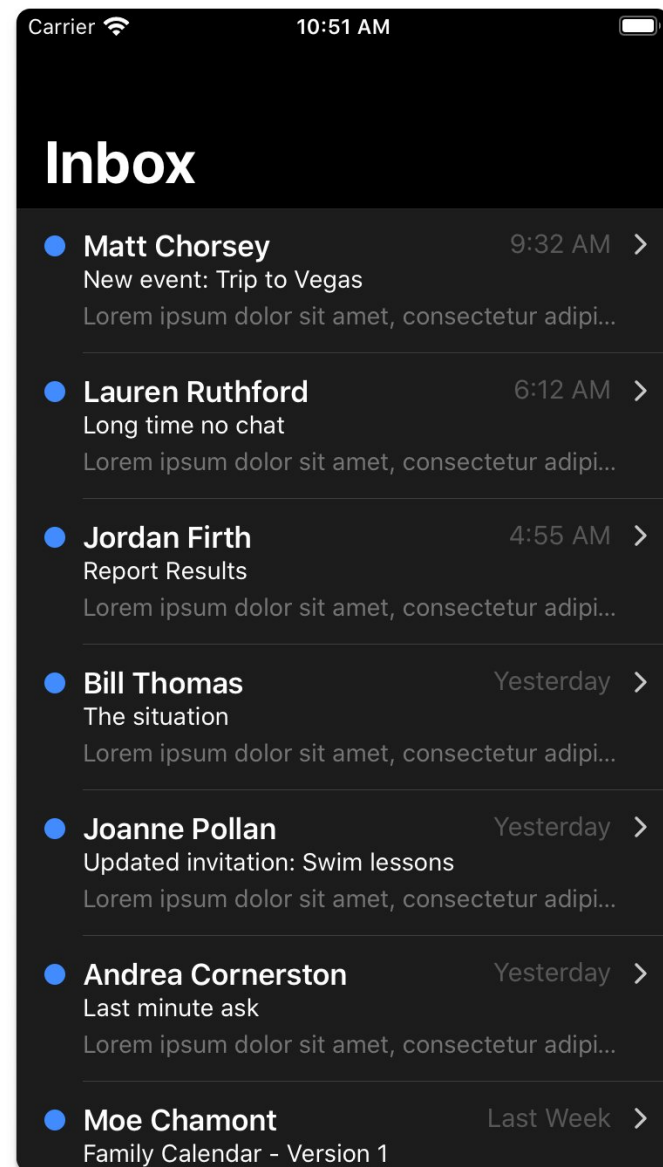
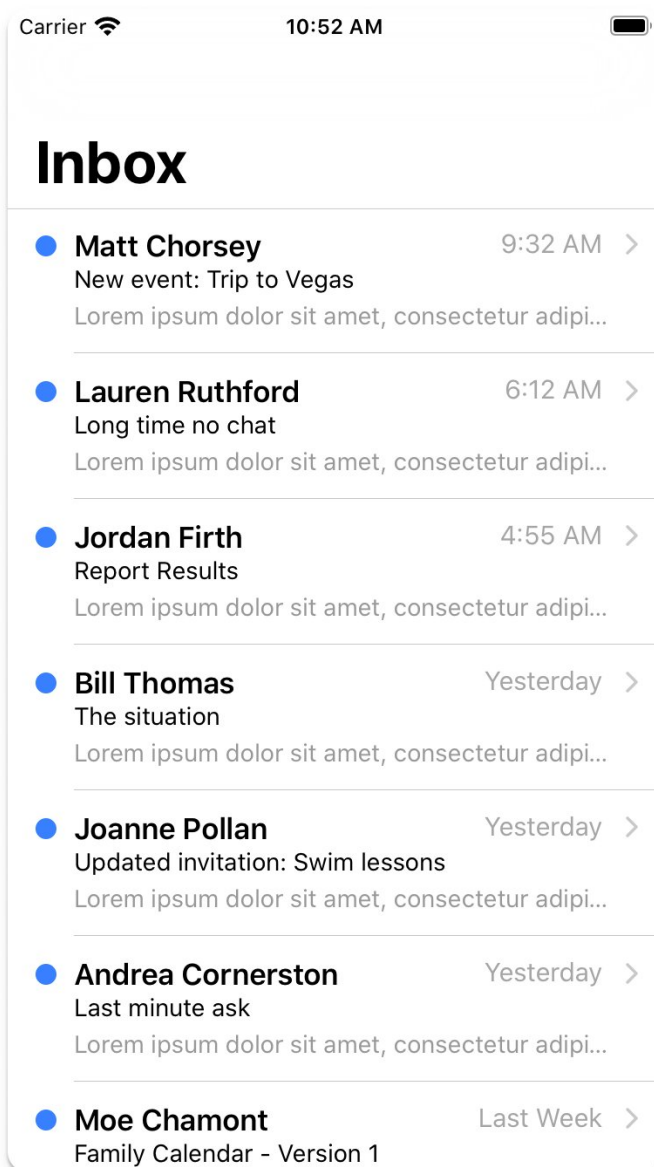


# Updated design

iOS recieved a major upgrade

Followed Apples HIG exactly

Update to Animations gestures



# Design goals

Expose more css variables

Expose more internals using Shadow Parts

Keep Ionic Apps looking great 🙌

**Updated APIs**

# Clean up API

Remove deprecated APIs

Finalized on CSS classes vs Attrs

Consistent Overlay experience

# Upgrade to latest tools

Support Angular Ivy (optional)

Upgrade to latest React Deps

Upgrade to latest Ionicons

**Demo**

# Wrapping Up

If you are already using V4 you're good

V4 -> V5 is *minor* Major change

Less "new" and more **better**



**Questions?**