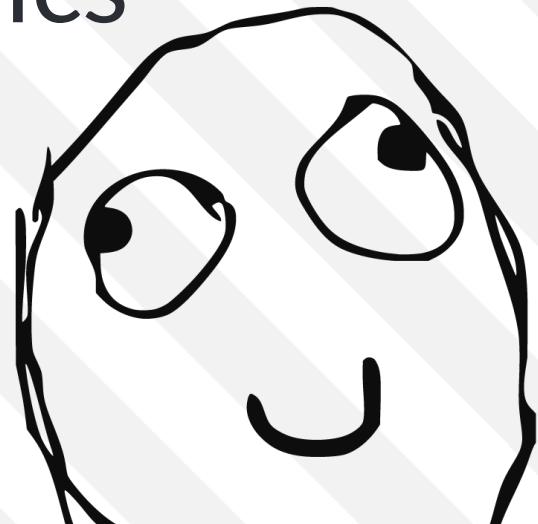




# Going Beyond The {N} Basics

TelerikNEXT's {N} Workshop

Clark Sell

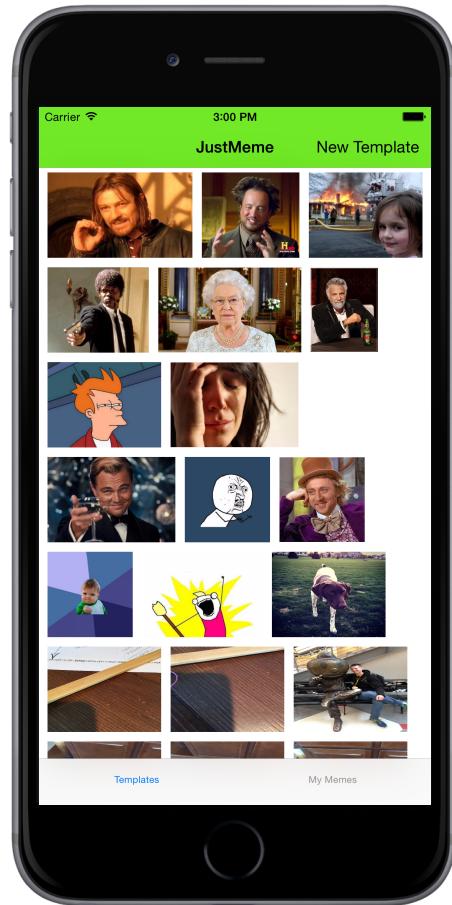


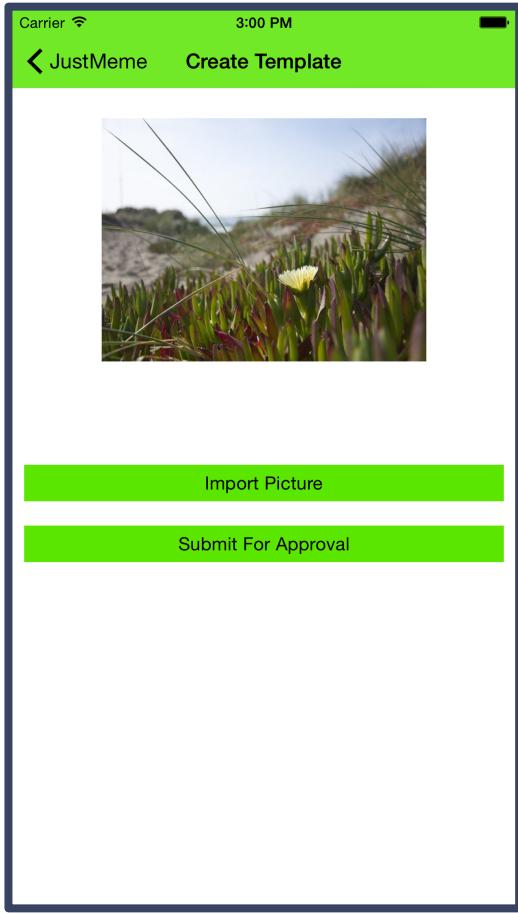
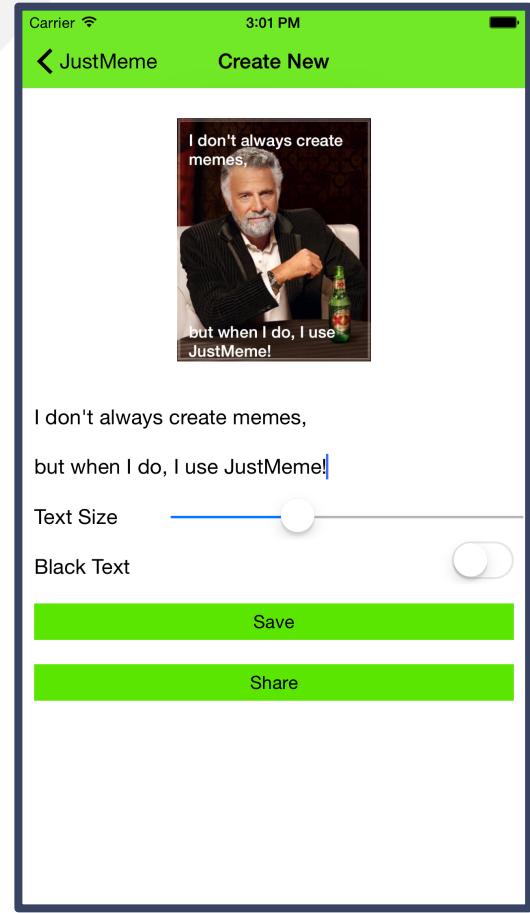
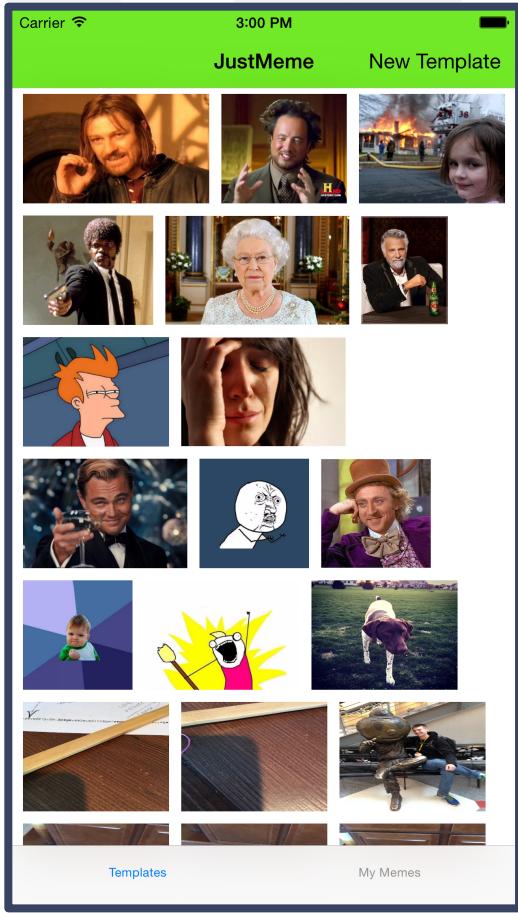


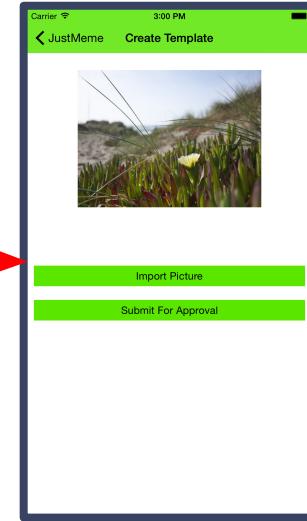
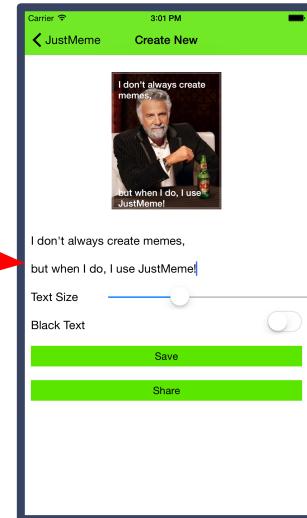
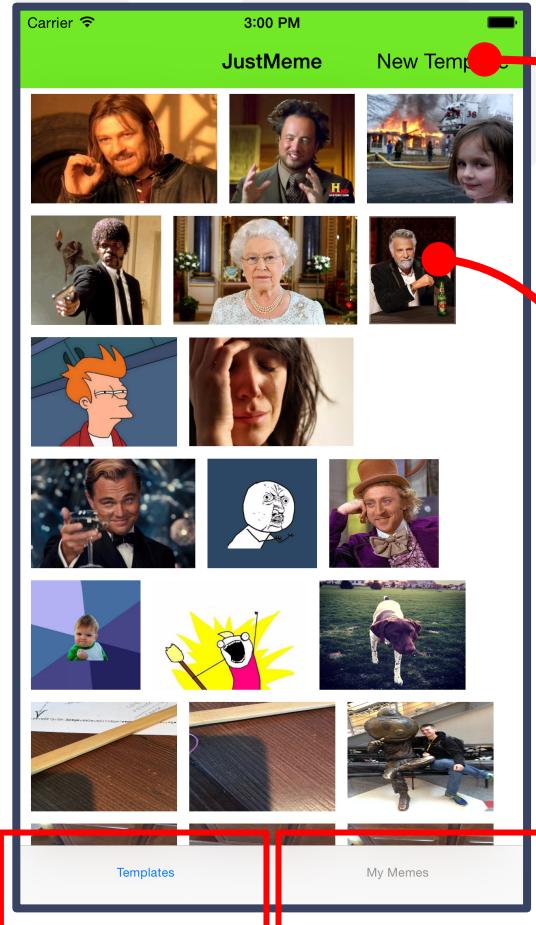
#worksOnMyPhone



# JustMeme



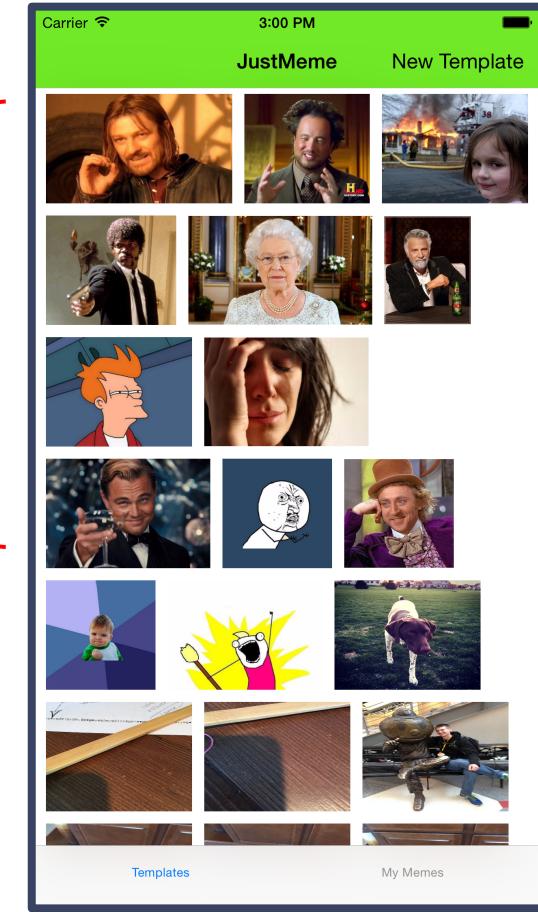




Images baked into the App

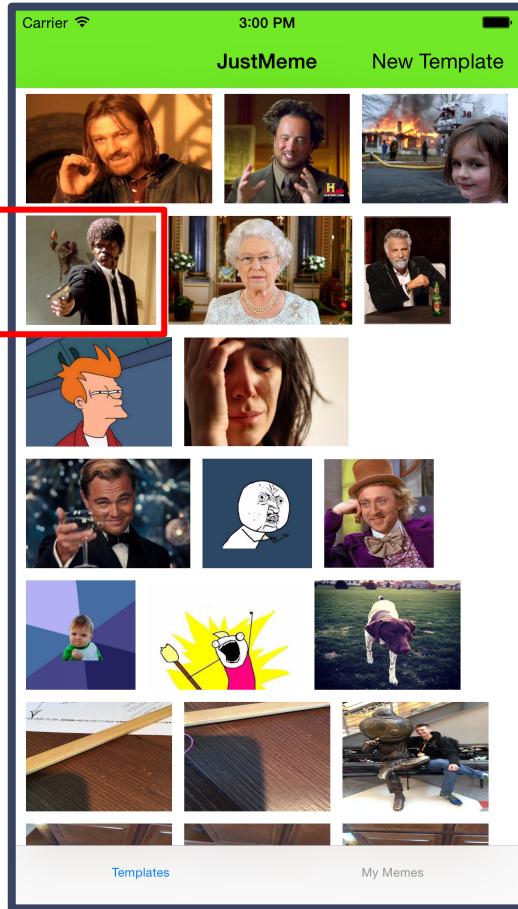
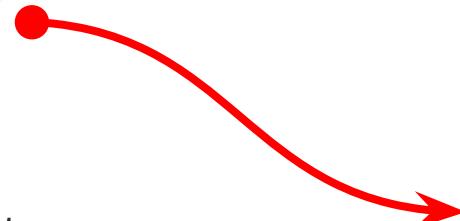
Images you saved locally

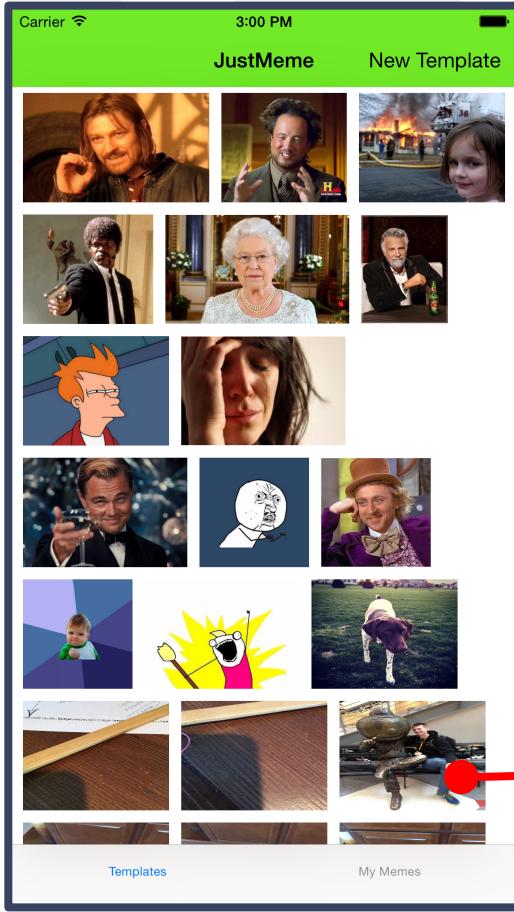
Images pulled from the cloud and saved locally



What is going on here???

1. Load the page
2. Make clean any elements
3. Read local storage locations
4. Loop on items found
5. Create image elements
6. Assign a gesture to the image element
7. Assign a callback
8. Add to the right layout
  - a. Let the WrapLayout do the work.

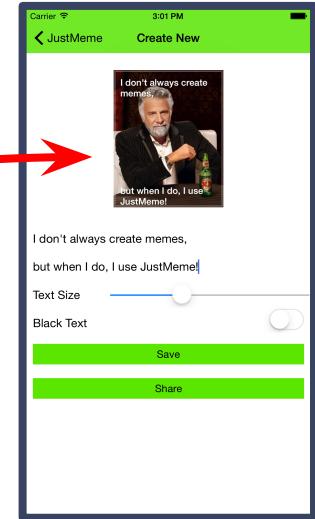




oh those callbacks....

**"I don't normally just call functions,  
but when I do I expect you to pass  
me along."**

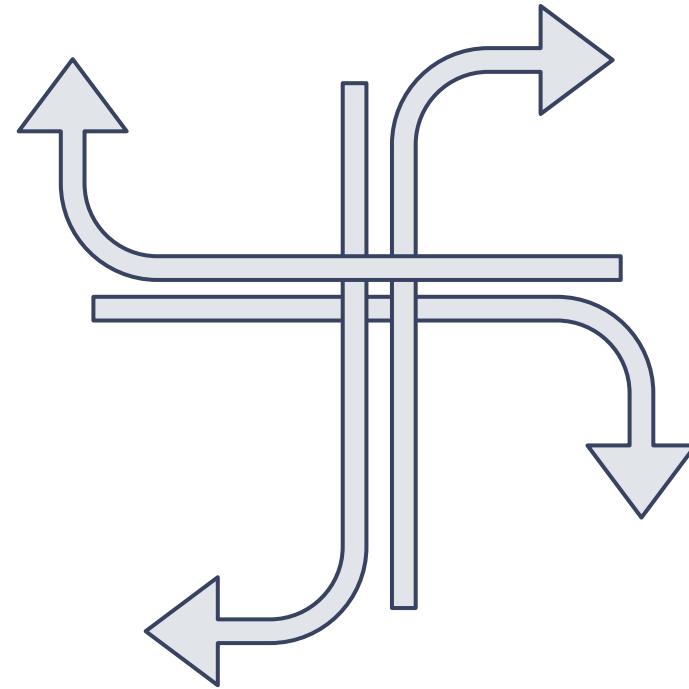
ImageSource FTW!



# Our Order Of Operations

- Navigation
- Events
- Layout
- Modules / Controls
- DataBinding
- CSS

# Navigation



# Navigation

## What really do we care about?

- How to get from here to there?
- How can I pass something along the way?
- What events to I pass during my trip?
- How can I get back home?

# Navigation - the {N} way

1. Get the frame
2. Set some context
3. Navigate



```
var frameModule = require("ui/frame");

frameModule.topmost().navigate({
    moduleName: "./components/create-meme/create-meme",
    context: imageSource,
    animated: true
});
```

# References

- [{N} Architecture and Navigation](#)
- [Frame Module](#)
- [Navigation in JustMeme](#)

# Events

May 3-5, 2015 | Boston, Massachusetts USA

# Application Level Events

- onLaunch
- onResume
- onSuspend
- onExit
- onUncaughtError
- onLowMemory ( need to validate )

# Wiring it up in app.js

## *app.js*

```
var application = require("application");

application.onExit = function () {
    var analyticsMonitor = require("./shared/analytics");
    analyticsMonitor.stop();
};
```

# Page / View Level Events

- loaded
- unloaded
- navigatedTo
- navigatedFrom
- navigatingTo
- navigatingFrom

# Wiring up it up

*[yourPage].xml*

```
<Page
  xmlns="http://www.nativescript.org/tns.xsd"
  loaded="load"
  unloaded="unloaded"
  navigatedTo="navigatedTo">
```

*[yourPage].js*

```
exports.load = function(args) {
    //Seriously Awesome Stuff
};
```

# References

- Application Events
- [View Events](#)
- [Page Events](#)
- [Weak Events](#)