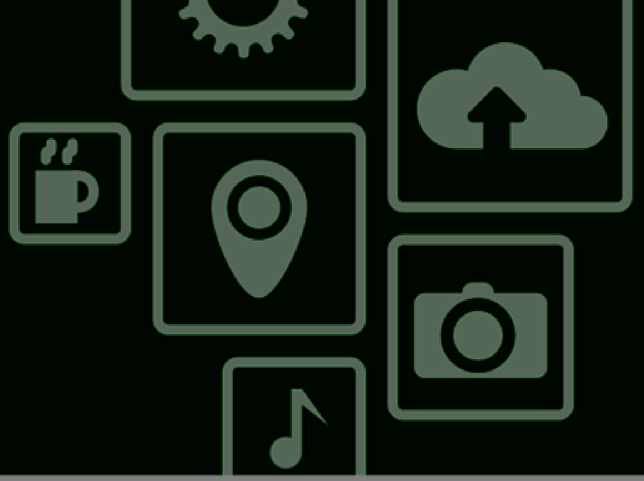


DEVELOPER DAYS 2014 EUROPE

Developing great location-based apps with QML!

Jen Trieu
Esri, Inc

Agenda

Agenda

- Location in your apps.
- Determine your app/map pattern
- Location and Mapping SDK for QML developers
- Examples
- QA

Why is location important?

Location-aware apps

Why is it important?

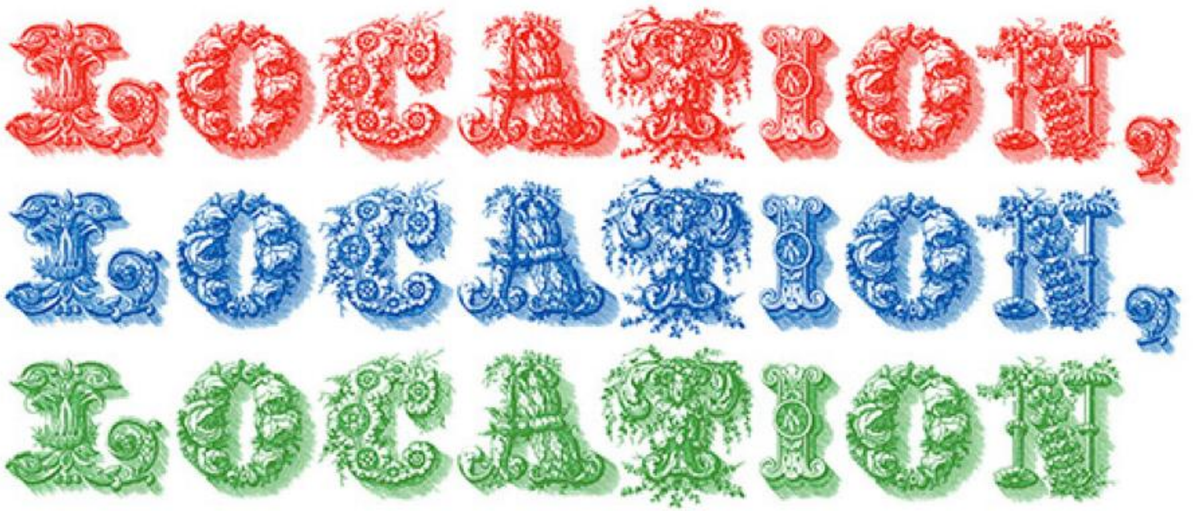
- Answers the question: Where and Why?
- Improve communication
- Better decision making
- Cost savings from greater efficiency

Determine your app/map pattern

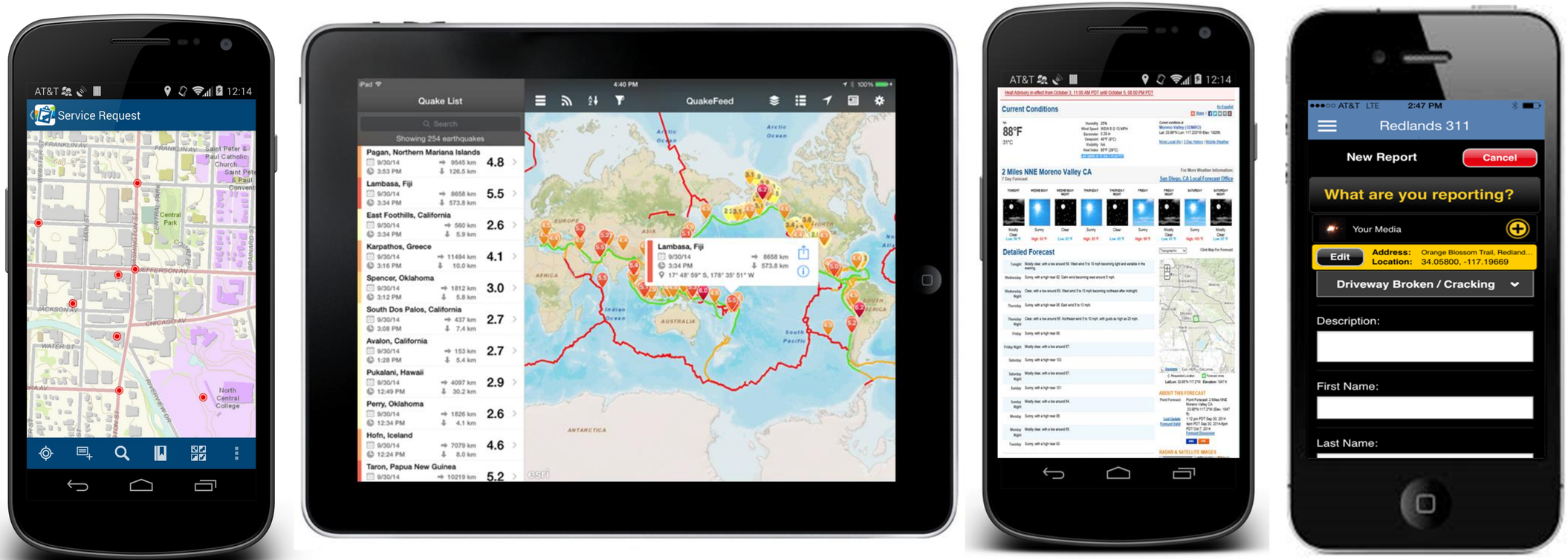
Understand your end user

What part does location play in your app?

Location Based Experience:



Maps vs Map-less



LBX Patterns

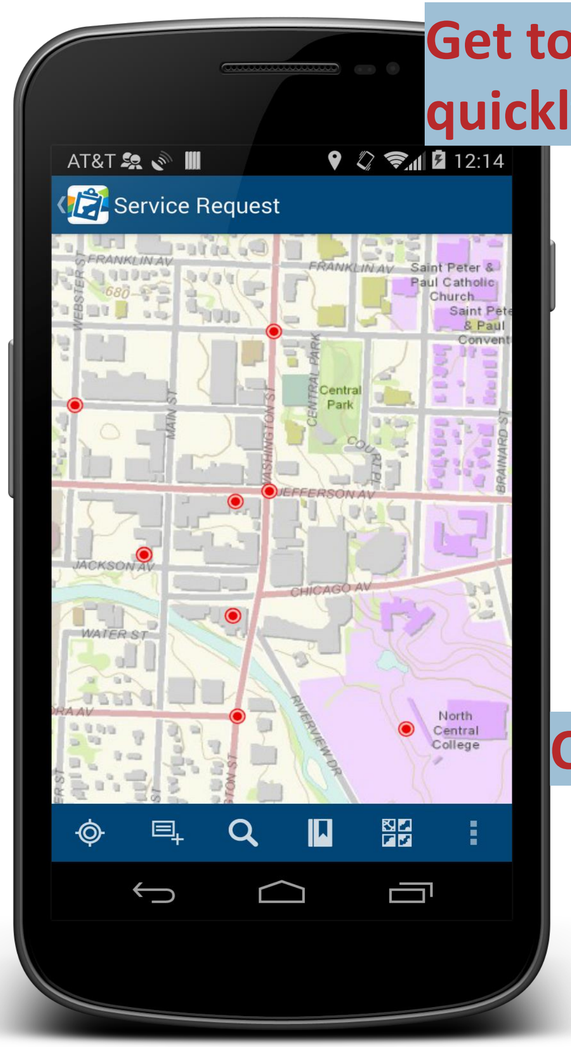
http://developers.arcgis.com/android/guide/determine-your-app-map-pattern.htm

It’s all about the map

Get to that map quickly

Maximize map-estate

Map centric apps



Cartography

Tools?

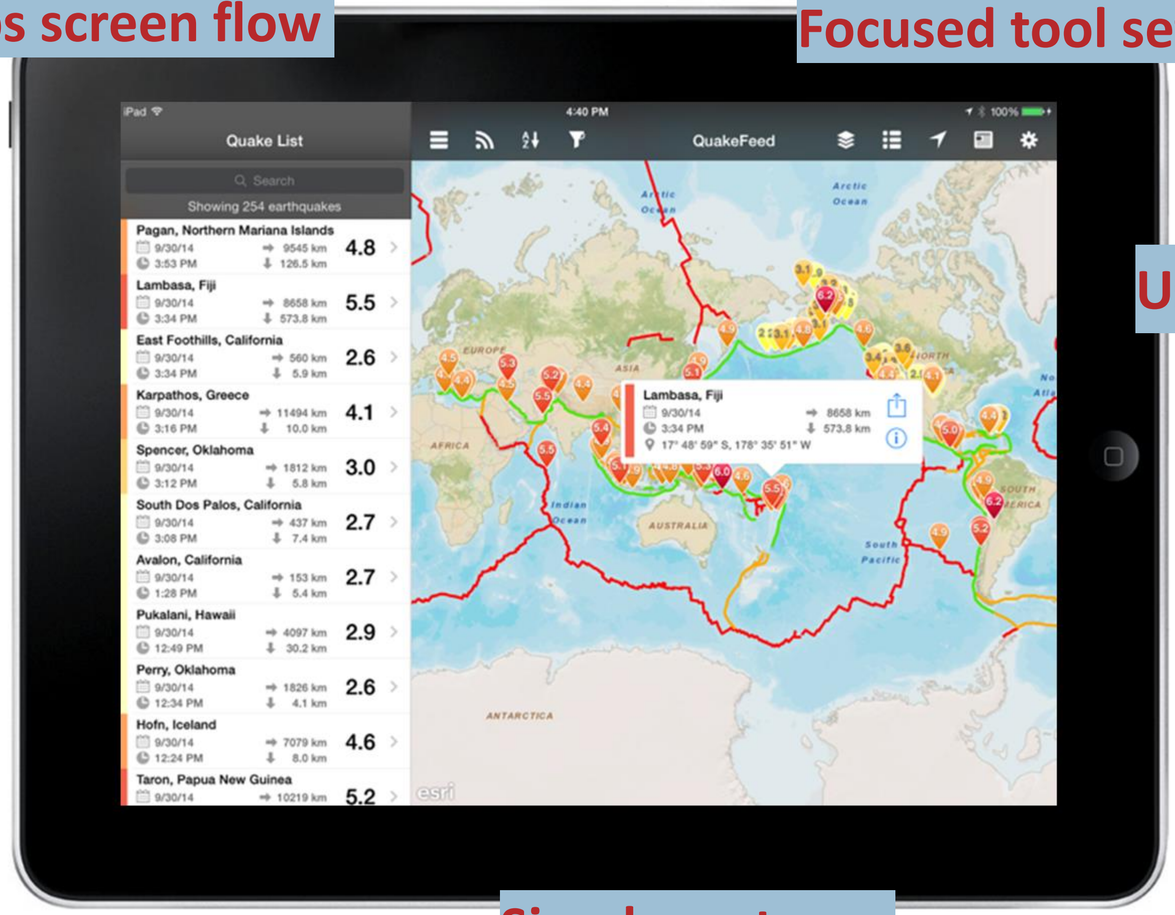
http://www.esri.com/software/arcgis/arcgisonline/apps/collector

The map is a navigation tool

Maps as a Navigation Tool

Part of apps screen flow

Focused tool set



Use pop-ups?

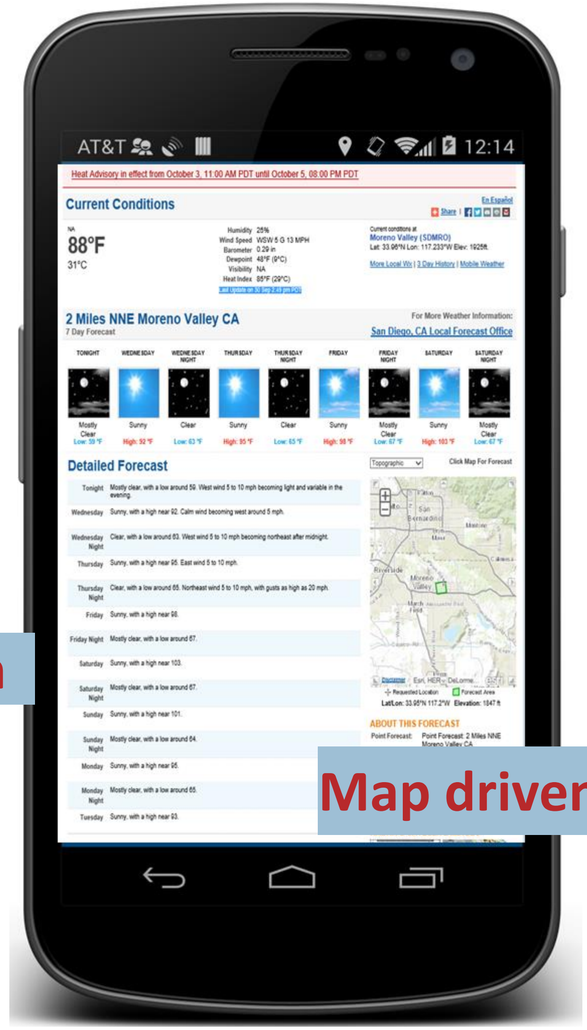
Simple carto

http://quakefeed.net/

The map ‘may’ provide extra information

Maps as context

Embedded in other information

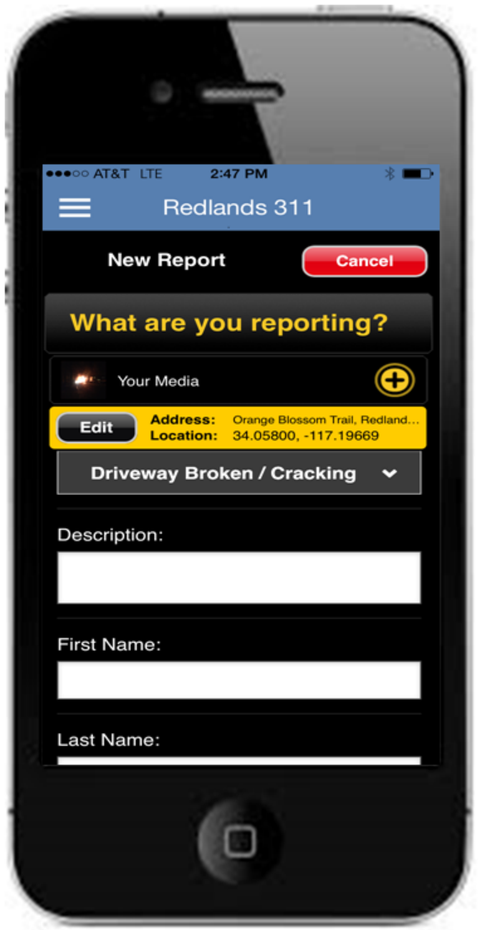


Map driven by other content

http://www.noaa.gov/

You don’t need a map to add location info

They don’t need to know



Map-less apps (eh?)

Adds spatial intelligence

http://www.cityofredlands.org/311

More than dots on a map…

SDK that allows you to build spatial capabilities into your Qt apps natively.

Provides C++/QML APIs that allow your apps perform…

- Mapping and data visualization
- Analysis tasks
- Data editing and data management in the Cloud
- Finding addresses
- Getting directions
- Online or offline (connected or disconnected)

Demonstration

ArcGIS Runtime SDK for Qt

http://developers.arcgis.com/en

Supported Platforms

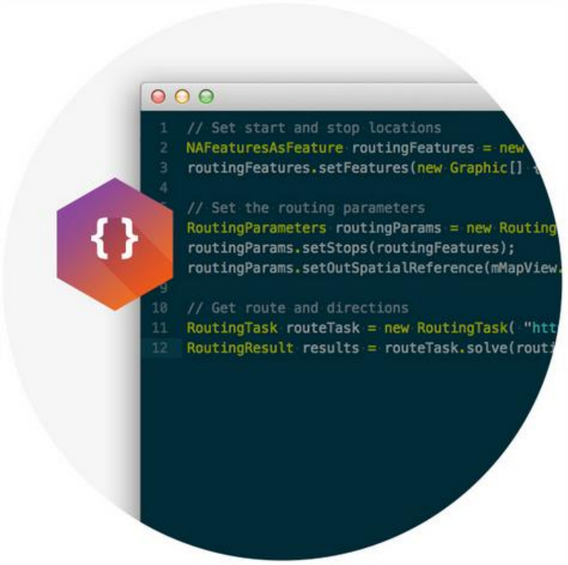
Demonstration

Location SDK in Action

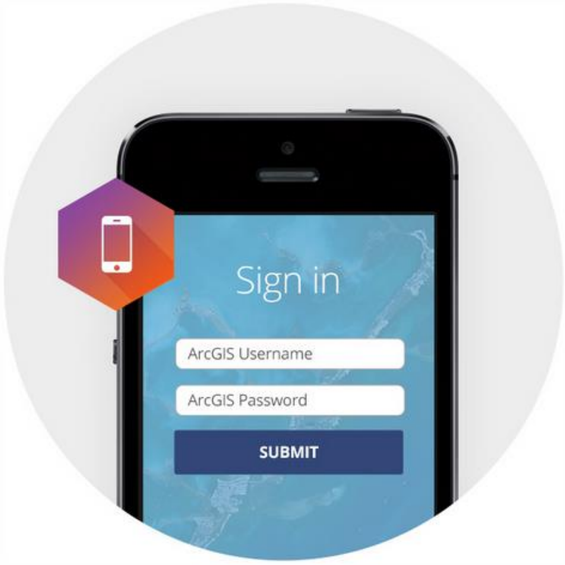
Deployment and licensing

Development and Deployment Workflow

1. Download and Install



2. Develop and Test



3. Deploy and Distribute

Summary

Thank you!

Questions?

Come visit us at the Expo: #13

@ArcGISRuntime

http://developers.arcgis.com/en/