Developing great location-based apps with QML!

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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

Map centric apps

Maximize map-estate

Get to that map quickly

Cartography

Tools?

http://www.esri.com/software/arcgis/arcgisonline/apps/collector
Maps as a Navigation Tool

The map is a navigation tool

Part of apps screen flow

Focused tool set

Use pop-ups?

Simple carto

http://quakefeed.net/
Maps as context

The map ‘may’ provide extra information

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)
ArcGIS Runtime SDK for Qt

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

Device Platforms

PHONE  TABLET  LAPTOP  DESKTOP  EMBEDDED
Location SDK in Action
Development and Deployment Workflow

1. Download and Install
2. Develop and Test
3. Deploy and Distribute
Thank you!

Questions?

Come visit us at the Expo: #13

@ArcGISRuntime

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