



Extending Survey123

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2018 Esri DEVSummit Conference | Palm Springs, CA

Overview

- Customization Scenarios
 - Things to consider
 - Survey123 & AppStudio
 - Demonstration
 - User Story
 - Download Template
 - Part 1: UI/UX and CloudMake
 - Part 2: Customization of Codebase
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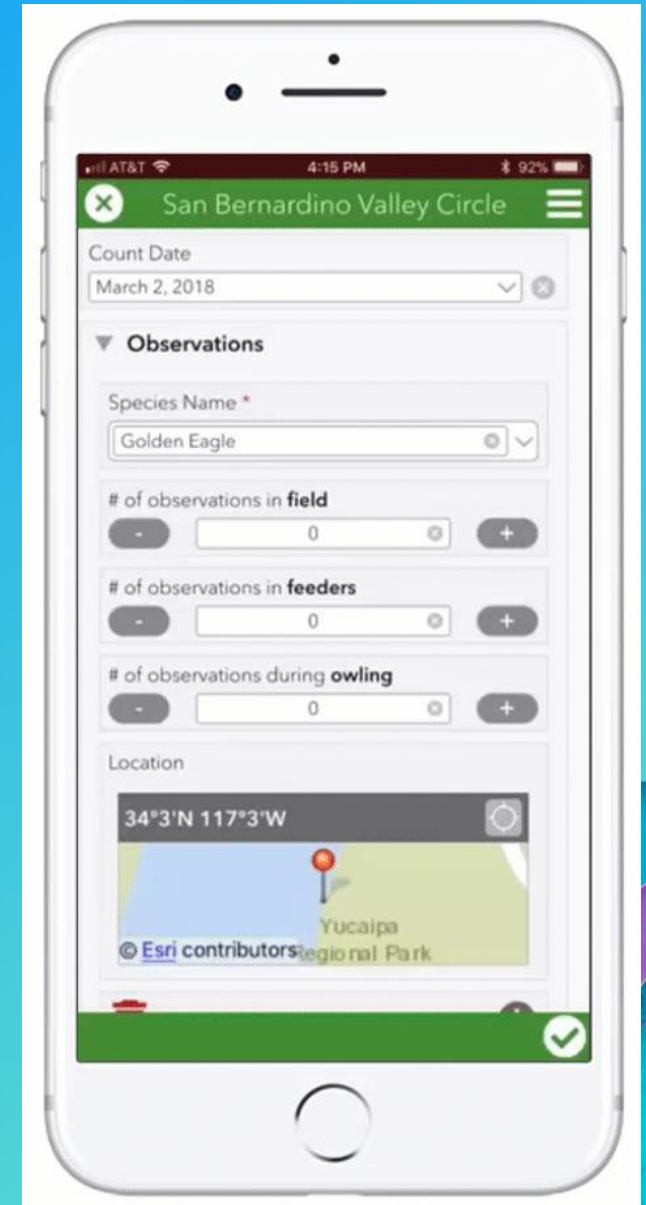
Customization Scenario

- User Interface - Branding
 - White-Labeling scenario
 - Color
 - Logo
 - Font
 - Corporate or Organization Branding
- Red Cross View – Damage Assessment
 - 40,000 named users
 - Strict Corporate Branding



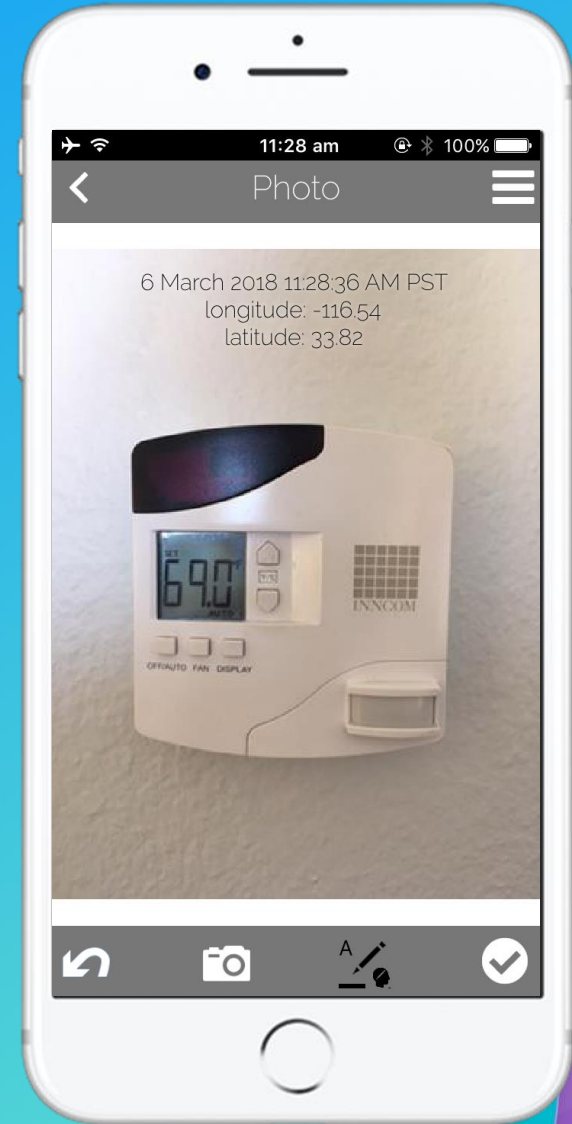
Customization Scenarios

- Extend the capability of the Survey Forms
 - Tailor the user experience of user input controls in the Survey
 - Incorporate xForm appearance or question types that may not still be supported by the application
- South Dakota Game, Fish and Parks
 - Customize the user input control to count so that it's easier to count the number of fish while fishing in the boat.



Customization Scenarios

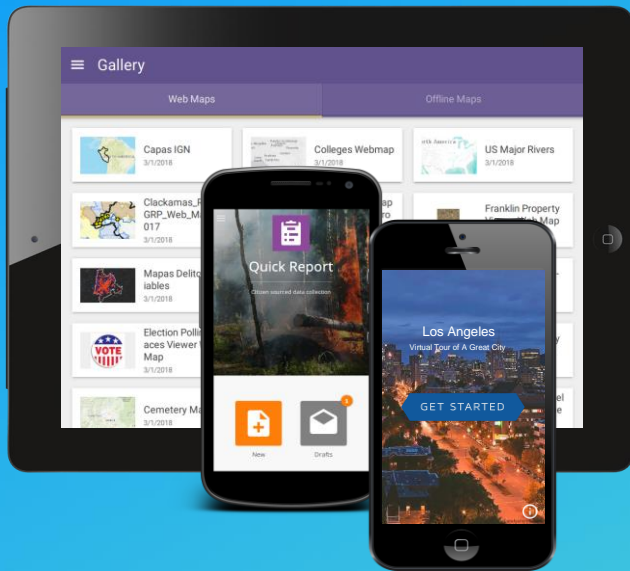
- Extend the capability of the App
 - To connect to Bluetooth-enabled Printer and Print
 - To add timestamp and location-stamp to the photo taken
- Data submission workflow
 - Submit data to custom webservice or multiple sources
 - Saving duplicate data/survey to database





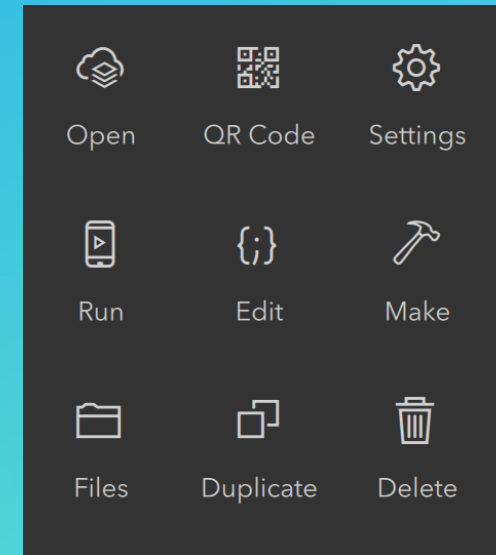
What is AppStudio?

- A suite of productivity tools for creating native apps
- One app that works across all platforms (iOS/macOS, Android, Windows, Linux)
- AppStudio Standard License



Testing and Building

- AppStudio Player
- Console Window
- Cloud Make
- Qt Creator



User Story


City of Cilantro



The City of Cilantro wants to have a custom version of Survey123 that is branded and that will be used by various city departments to conduct surveys. The city also has two use cases which aren't currently available, or in the Survey123 roadmap for future releases:

1. The city needs the ability to print the time and location onto new photos taken with some surveys.
2. Some surveys will require the scanning of QR Codes or Barcodes as the only action, and rapid submission is required in order to increase user productivity as well as user experience.


Demonstration

- White Labeling scenario
 - Cloud Make testing
 - Timestamp and Location print on the photo
 - The code to add the menu and print text in the photo
 - Current Scanning Barcode workflow
 - The solution for City of Cilantro
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Download the App (Android only)



Things to consider

- Survey123 releases a new version every 6-8 weeks
 - Easy to upgrade to newest version
 - AppStore review process
 - Is it in the RoadMap? Can it wait?
 - Ask in GeoNet
- 

Questions?

Other Sessions during Developer Summit 2018

- Survey123 for ArcGIS: Tips and Tricks
 - Wednesday, March 07, 5:30 pm - 6:00 pm, Demo Theater 3: Oasis 1-2
- Using the Survey123 Reporting API to Print Survey Records
 - Wednesday, March 07, 6:00 pm - 6:30 pm, Demo Theater 3: Oasis 1-2
- Developing Cross-Platform Native Apps with AppStudio for ArcGIS: The Basics
 - Thursday, March 8, 10:30 am - 11:30am, Catalina/Madera
- Developing Cross-Platform Native Apps with AppStudio for ArcGIS: Advanced
 - Thursday, March 8, 1:00 pm - 2:00 pm, Catalina/Madera
- AppStudio for ArcGIS: Quick Guide for JavaScript Developers
 - Thursday, March 8, 10:30 am - 11:00am, Oasis 1-2

Learn more about Survey123

- Survey123 Island at the Showcases
- Website: <https://survey123.arcgis.com/>
- Ask in GeoNET :
 - <https://community.esri.com/groups/survey123>
- Documentation page
 - <https://doc.arcgis.com/en/survey123/>



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