AppStudio for ArcGIS: An Introduction

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Agenda

- Overview of AppStudio
- Using Templates
- Working with Player
- Tour of Desktop
- Using Samples
- Simulators and Emulators
- Writing QML

AppStudio
for ArcGIS®

Why Native Apps?

Offline

Device Capabilities

App Stores

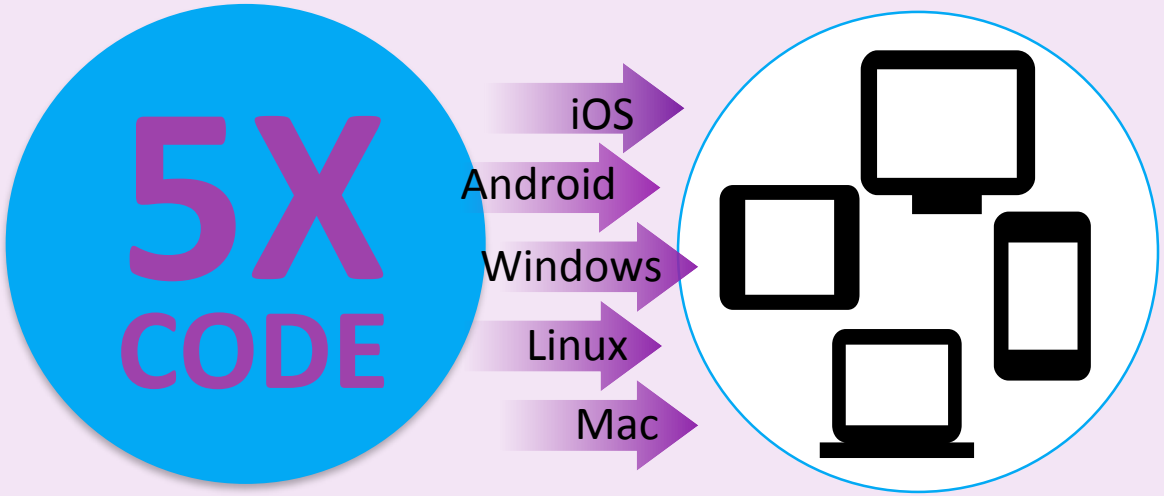
Challenges of Native App Development

Cost
Time + Resources * Platforms = $$$

App Distribution
Stores, MDM, Enterprise

App Security
Access to secure services

App Maintenance and Updates
Quickly update all platforms

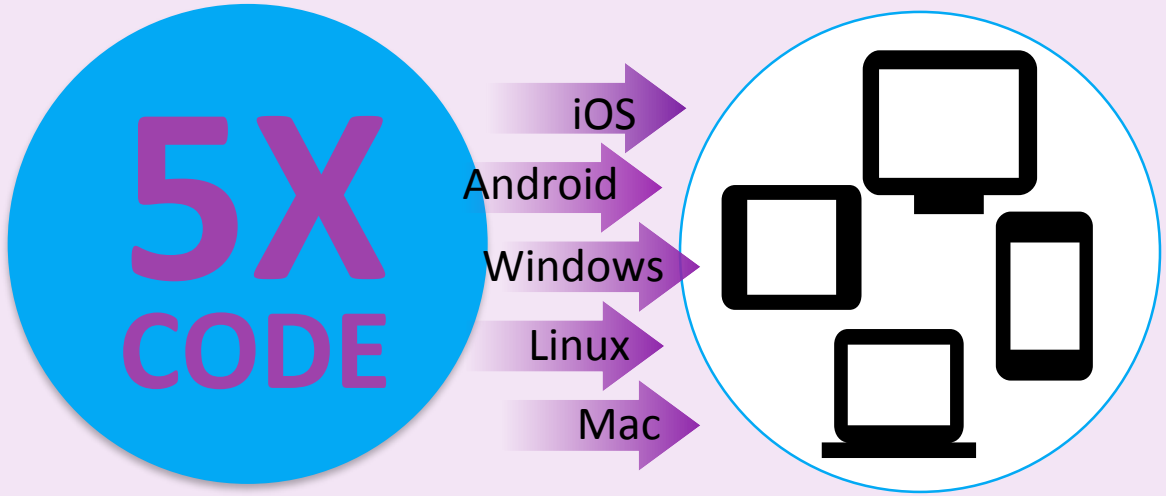


What is AppStudio?

Native App Development Platform

iOS, Android, Mac, Win, Linux

Ease of Web Development + Power of Native Platform



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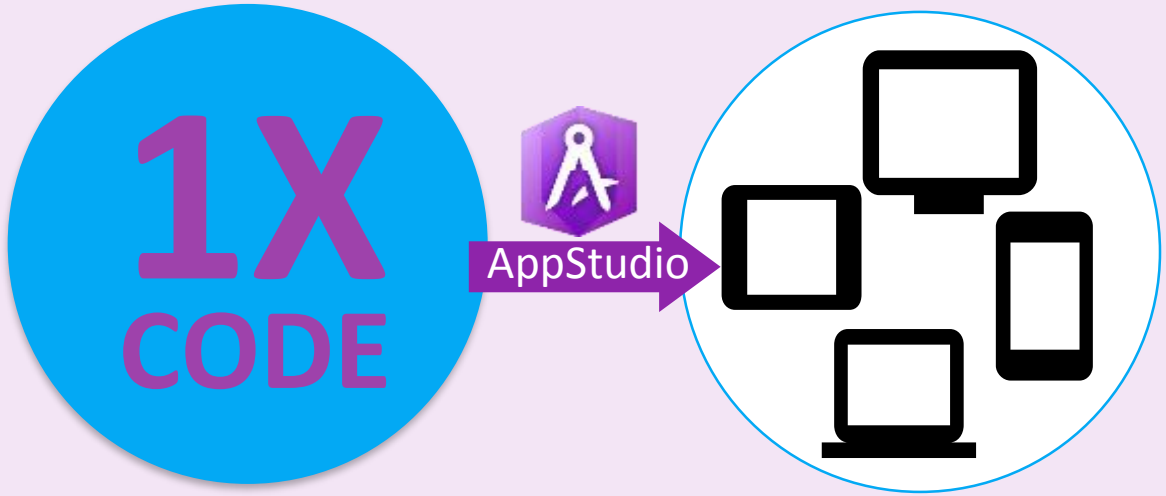


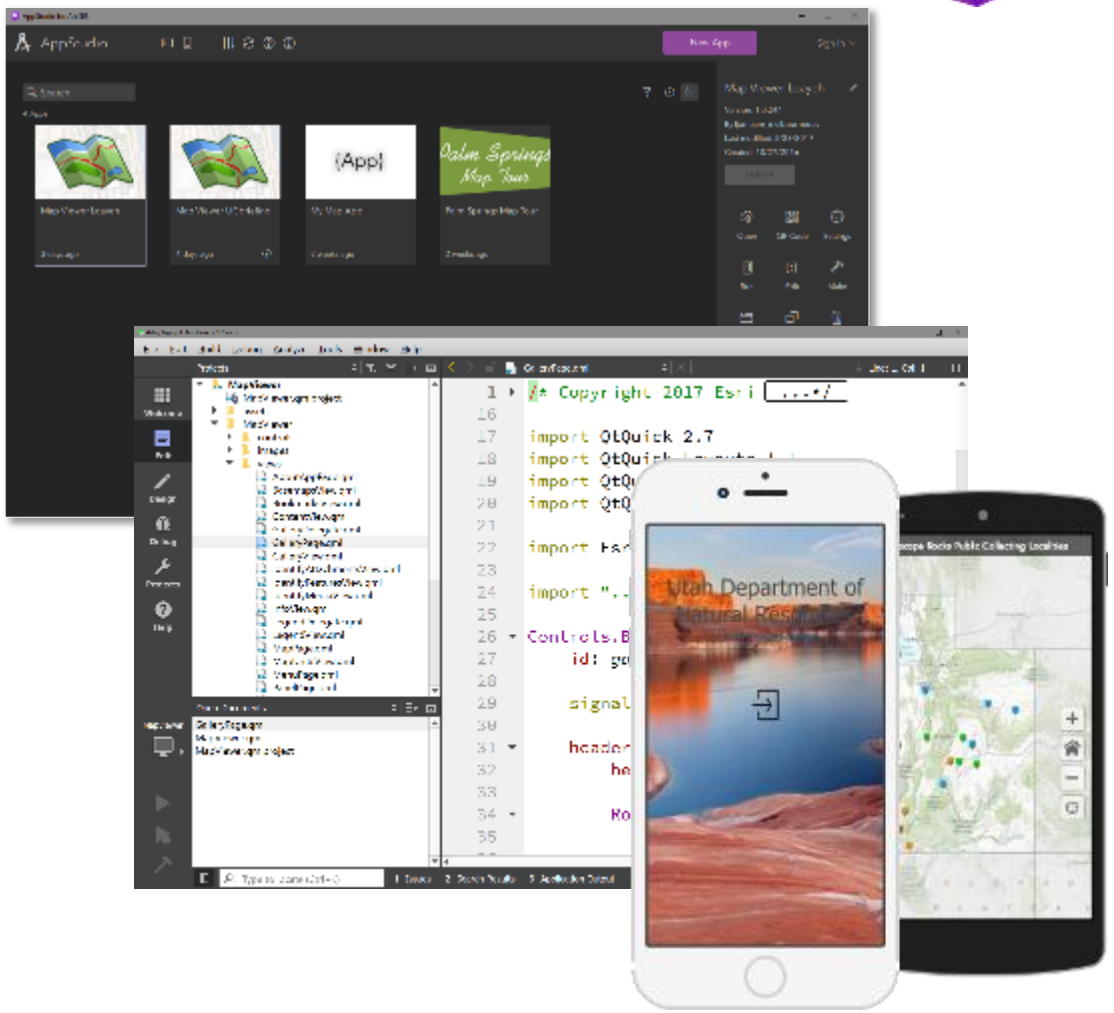
AppStudio Basic
and
AppStudio Standard

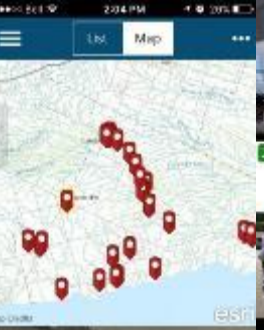
AppStudio Basic

- ArcGIS Subscription (L2)
- Use your browser to create a native app
- Configure app templates, No development skills required
- Use your existing public maps and services
- Add your own branding and style
- Publish to the App Stores

AppStudio Standard

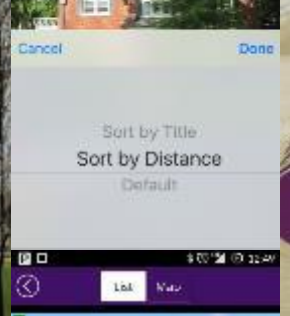
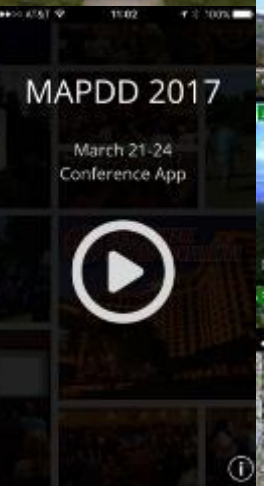
- Developer Subscription
- Developer Productivity Tools
- Extend template or write apps from scratch
- Native widgets and Samples (60+)
- Full ArcGIS Runtime API
- Hosted Build Infrastructure
- Support for online and on-premises services
- Apps Stores or Enterprise devices (MDM)




List
Map

Registry Office

GRIFFITH ON THE GO
Phone Numbers
Events Calendar
Facebook
Report Problems
Code Violation Descriptions


Cancel
Done
Sort by Title
Sort by Distance
Default
List
Map

MAPDD 2017
March 21-24
Conference App

Peña La Branda

Griffith Phone Directory

3:30 pm - 4:30 pm, Healthy Kinship Families

Don Davis Sales & Service
807 Highway 80 East 601-854-8242

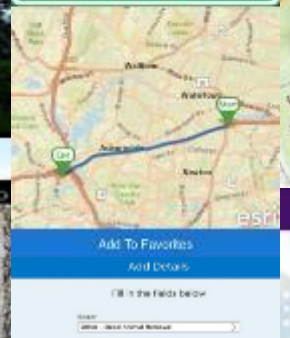
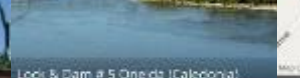
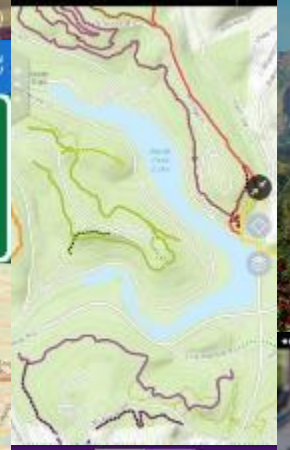
I-90 WB Newton to:
95
4 MI
5
MINS
Add To Favorites
Add Details


Lock & Dam # 5 Oneida (Caledonia)

Photo Gallery


North Park
List
Map

Goldfield Sporting Complex (48)

GoTime

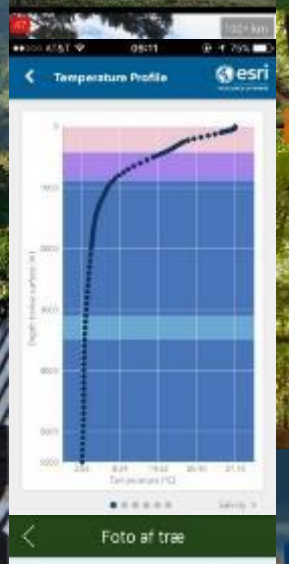
PicosPR
Comenzar

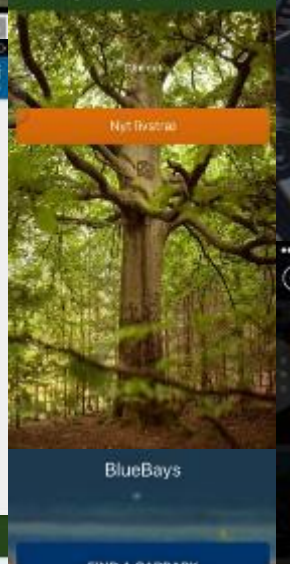
Pelahatchie
Businesses & Attractions

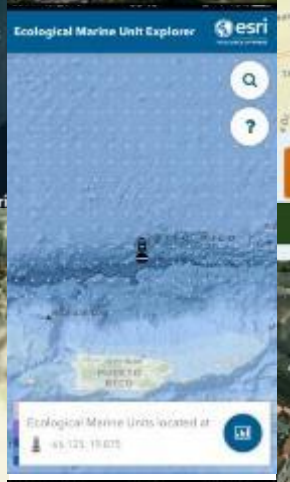
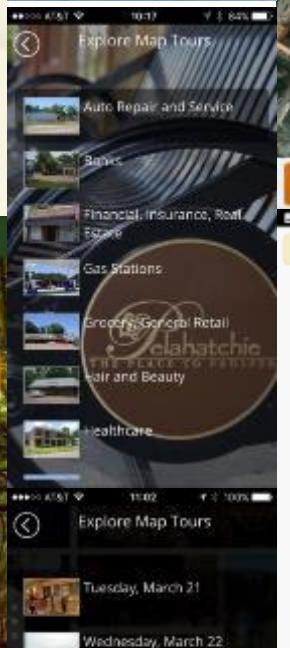
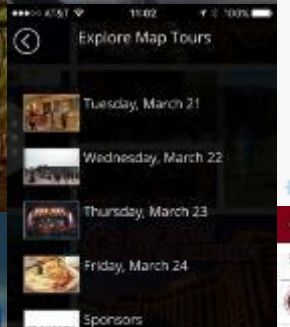
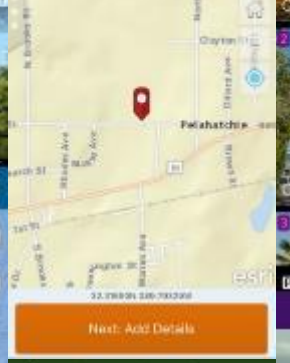
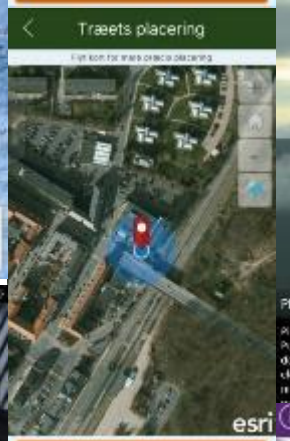
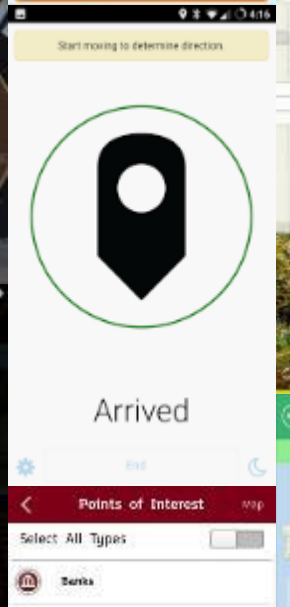
95
4 MI
5
MINS

30
Natick
11 MI
12
MINS

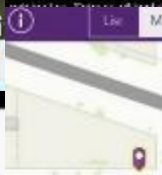
Fields
Map
Goldfield Sporting Complex (48)

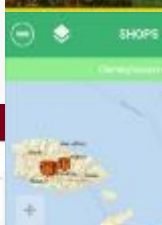
Goldfield Sporting Complex (48)

Temperature Profile
Foto af træ

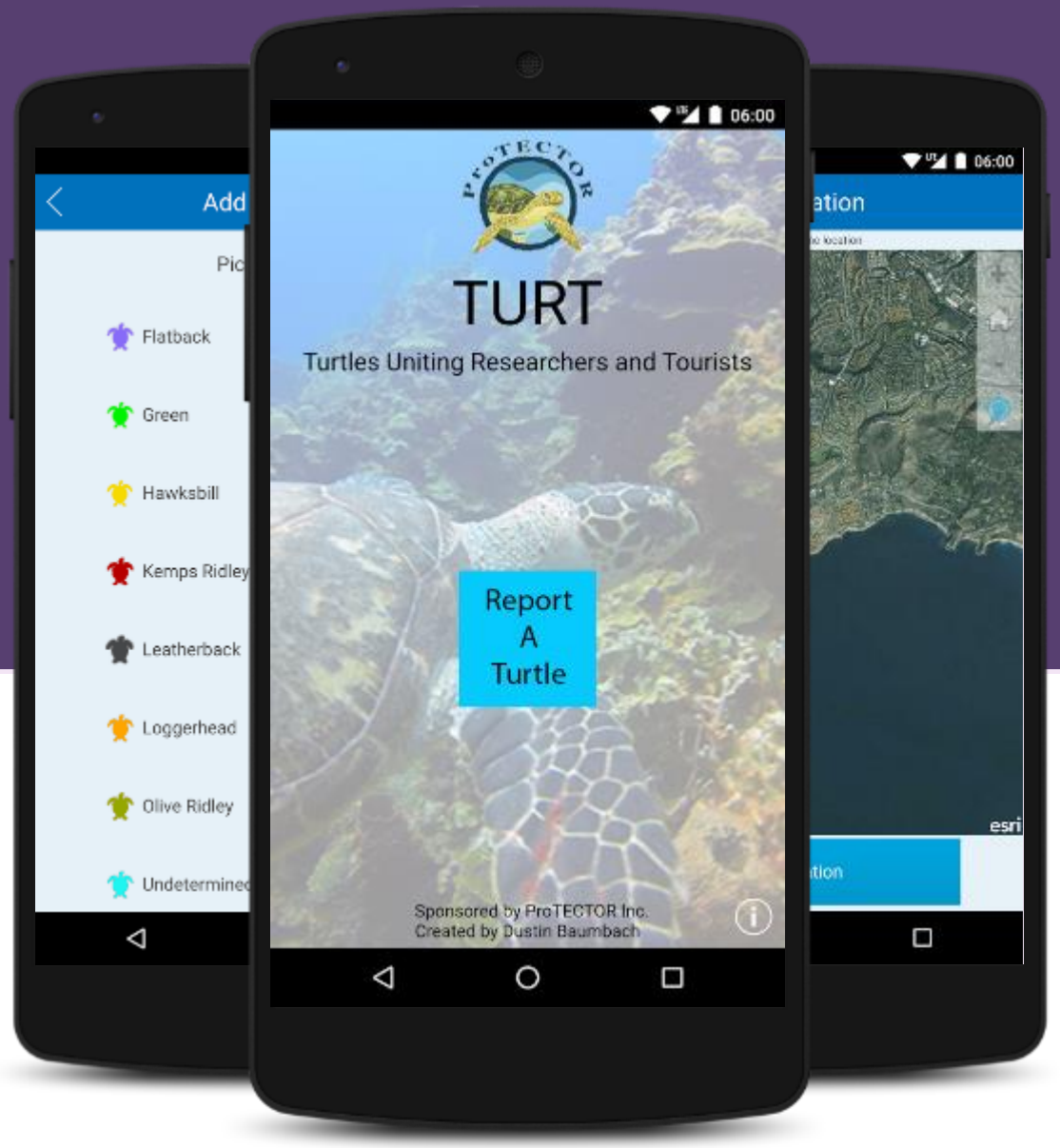
onwani
MY ADDRESS
Easy to find

Registrering af livstræer
Nyt livstræ
BlueBays


Ecological Marine Unit Explorer
esri

Explore Map Tours
Auto Repair and Service
Banks
Financial, Insurance, Real Estate
Gas Stations
Grocery, General Retail
Hair and Beauty
Healthcare

Explore Map Tours
Tuesday, March 21
Wednesday, March 22
Thursday, March 23
Friday, March 24
Sponsors

Pelahatchie
Next: Add Details

Træets placering
Gem placering

Arrived
Points of Interest
Select All Types
Banks

Campus Entrance

List
Pico El Yunque



Campus Entrance
SHOPS



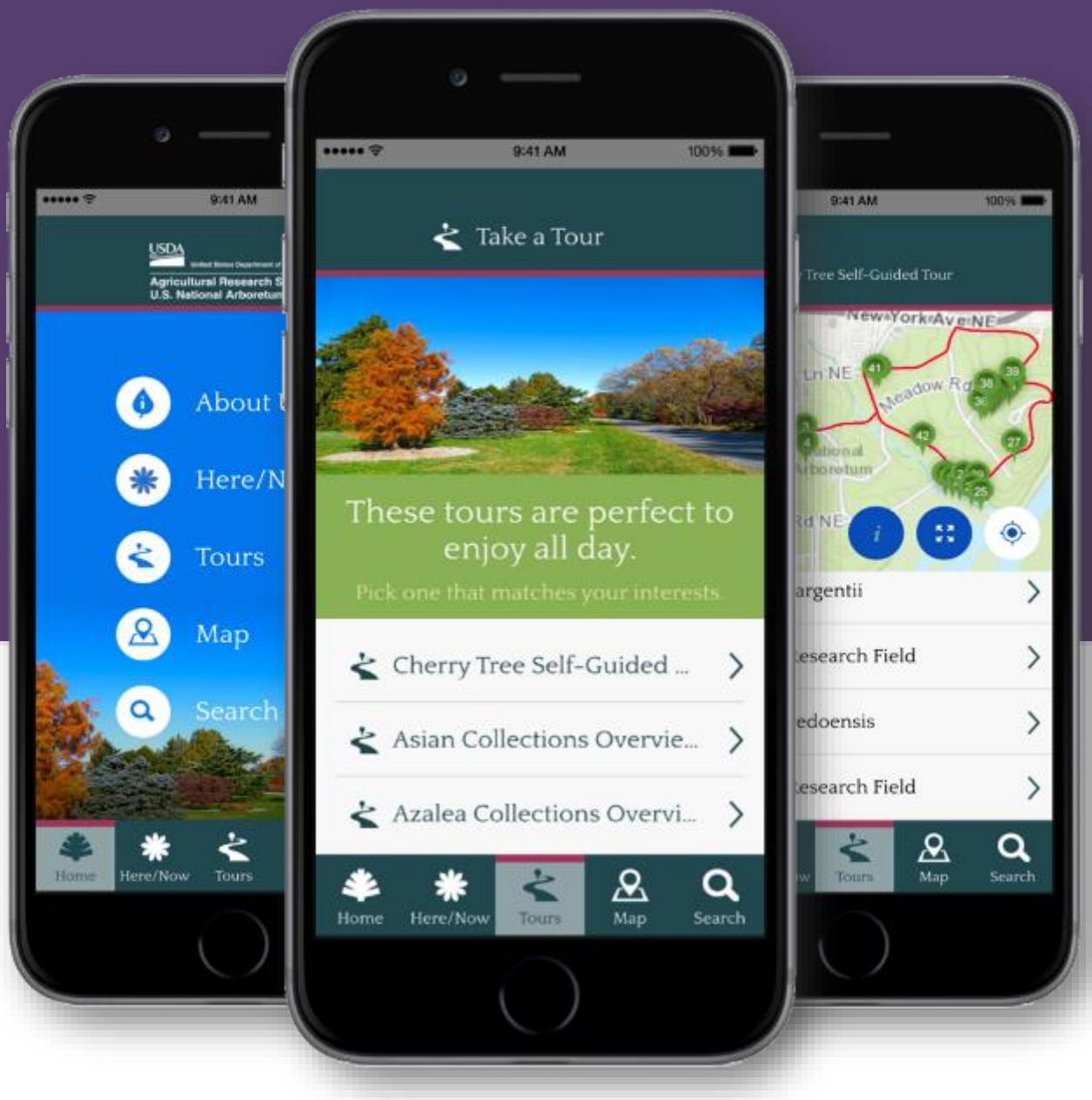
TURT

Turtles Uniting Researchers and Tourists

Quick Report Template

Created by a Marine Biologist at Loma Linda

No Developer Skills



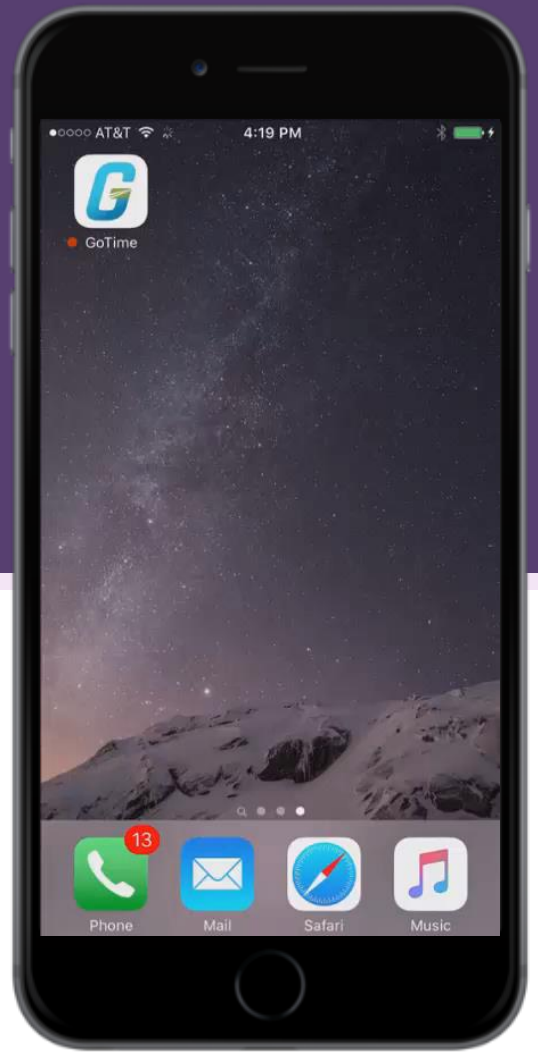
National Arboretum

Blue Raster LLC

Custom app created by Esri Partner

Quickly created as proof of concept

Utilizing the existing web GIS services



GoTime

By massDOT

Moving Massachusetts Forward. massDOT
Massachusetts Department of Transportation

vhb

Custom app created by Esri Partner

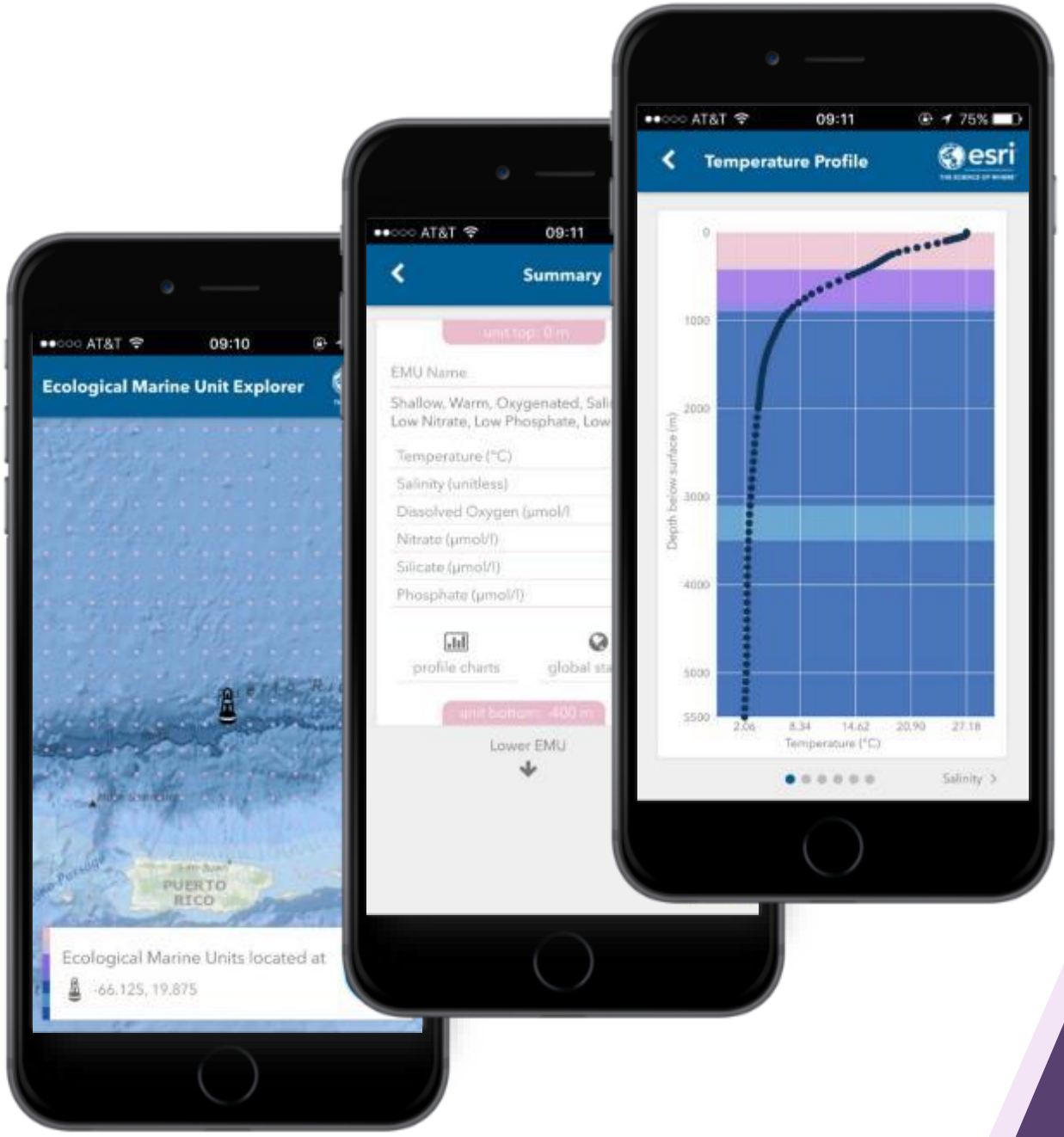
Short turn around time (just over month)

Deliver in Apple and Google App Store

“

As a Rapid Application Development tool goes AppStudio has been invaluable

- Larry Spraker
Vhb Applied Technology Manager



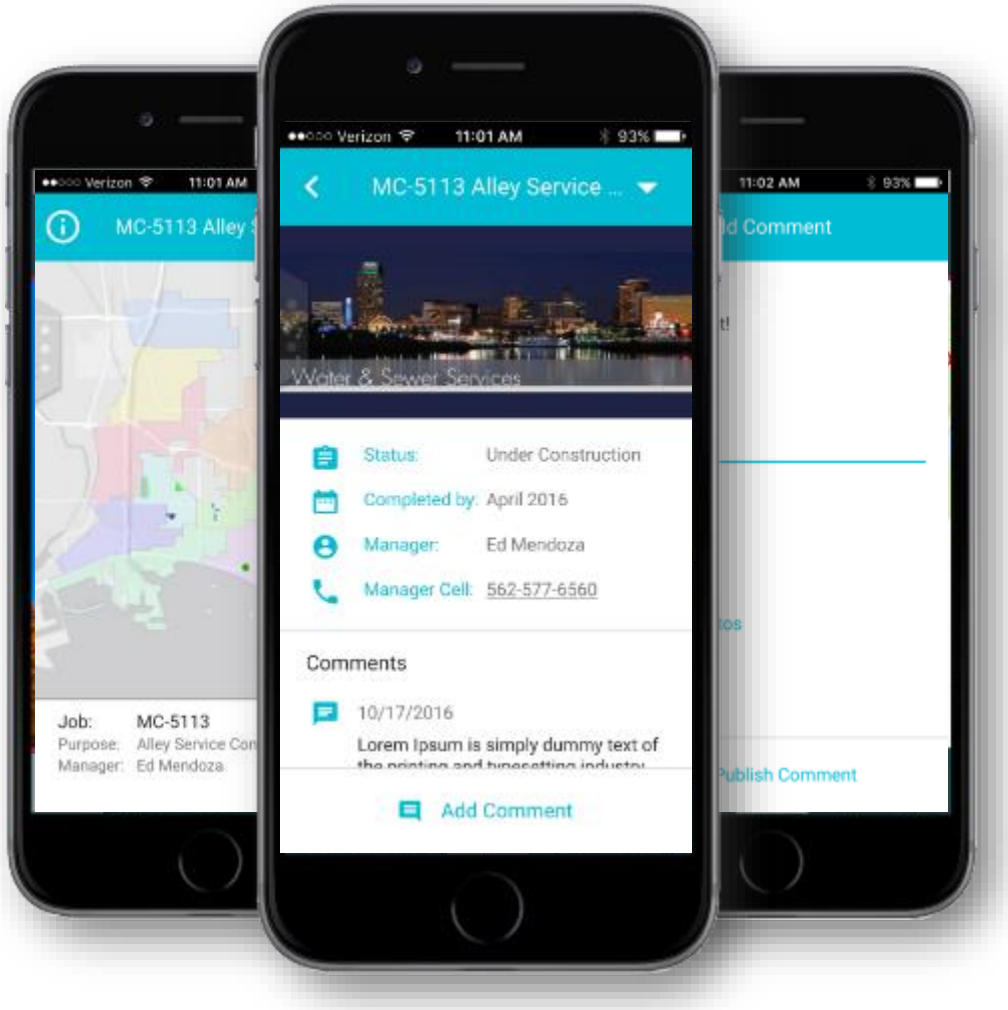
Ecological Marine Unit Explorer

Quick access to critical marine data

Created by the Esri Living Atlas Team

Written by a Python developer

Esri Professional Services



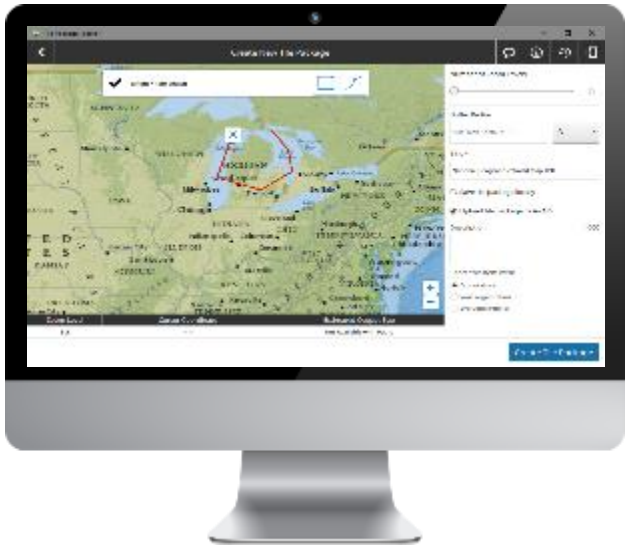
LBW Construction

- Long Beach Water Construction
- View Construction Project Information
- Enterprise App (require ArcGIS Account)

Esri Labs

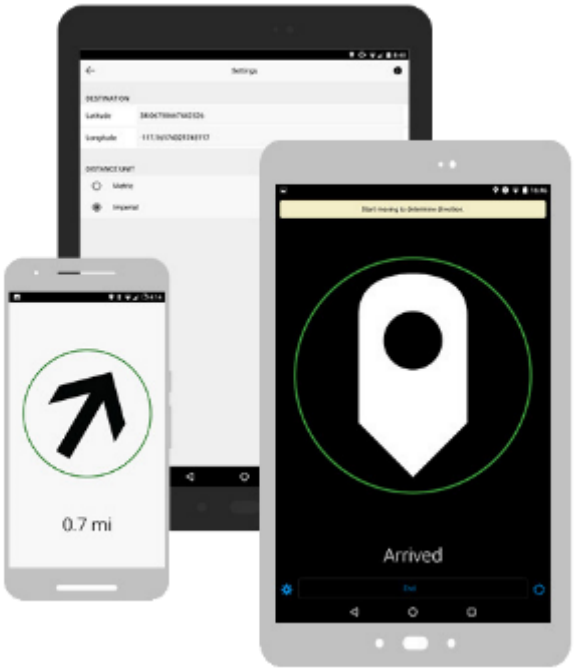
esri labs

AuGeo



Tile Package Kreator

TPK esri LABS



Trek2There

T2T esri LABS

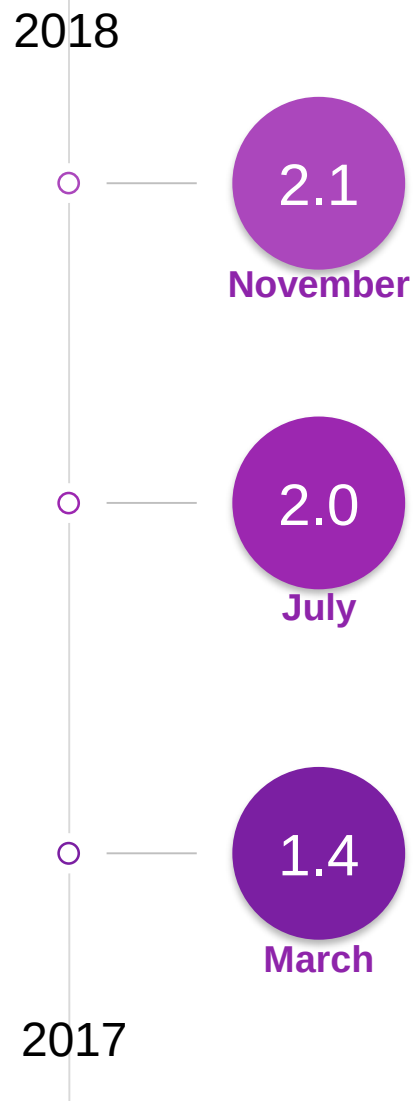
Survey123 - customization

- American Red Cross
- Texas DOT
- Southern Ute Tribe
- GeoDecisions (partner)

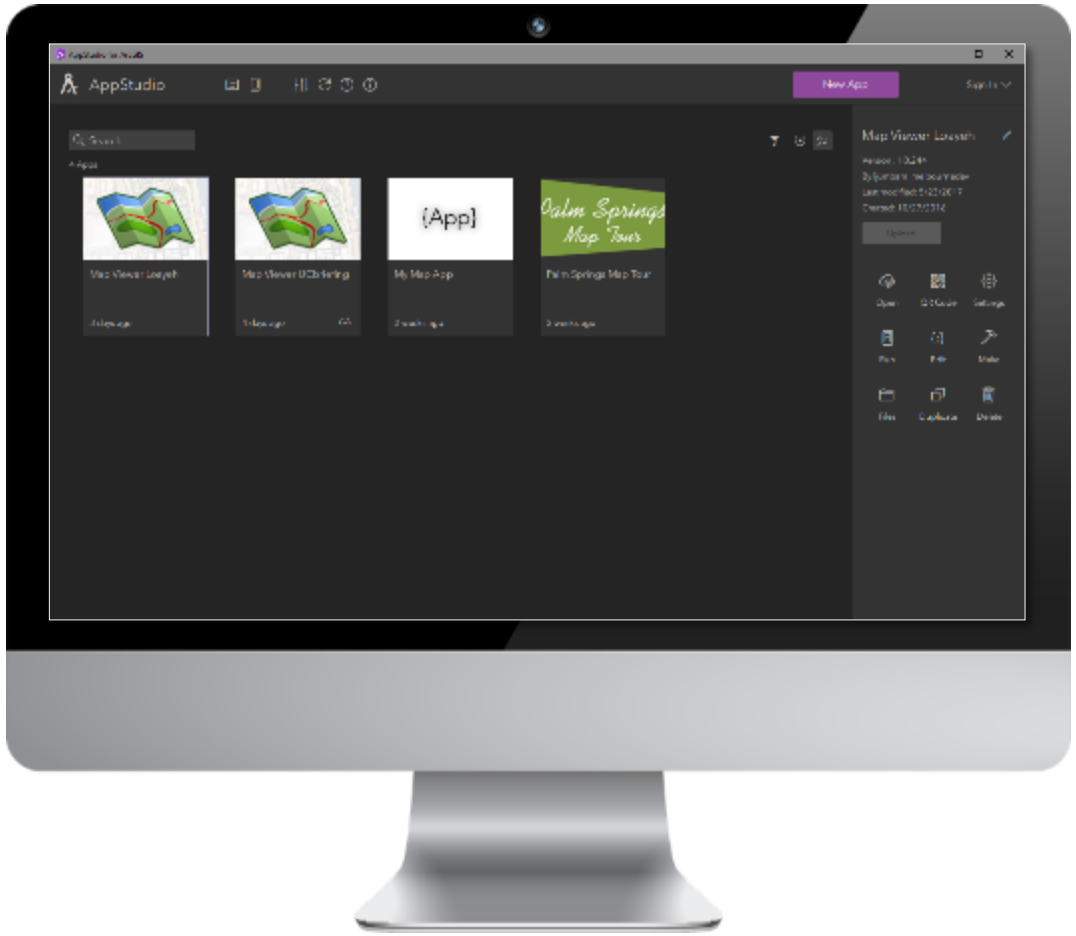
2017 AppStudio Release

AppStudio v2.0 (July 1st)

- Upgrade to latest version of Runtime
- AppStudio Desktop Redesign
- Templates, Widgets and Samples



AppStudio 2.0 – Desktop Application



- New User Experience
- Search and Filter Apps
- Access all Templates and Samples

Using Templates
Working with Player

Tour of Desktop
Using Samples
Simulators and Emulators

Writing QML and JavaScript

Loayeh Jumbam

AppStudio for ArcGIS: Advanced Topics
SDCC - Room 02

Talk to us about training

AppStudio

AppStudio

What will you build?

Talk to us about training

appstudio@esri.com

esri
THE SCIENCE OF WHERE