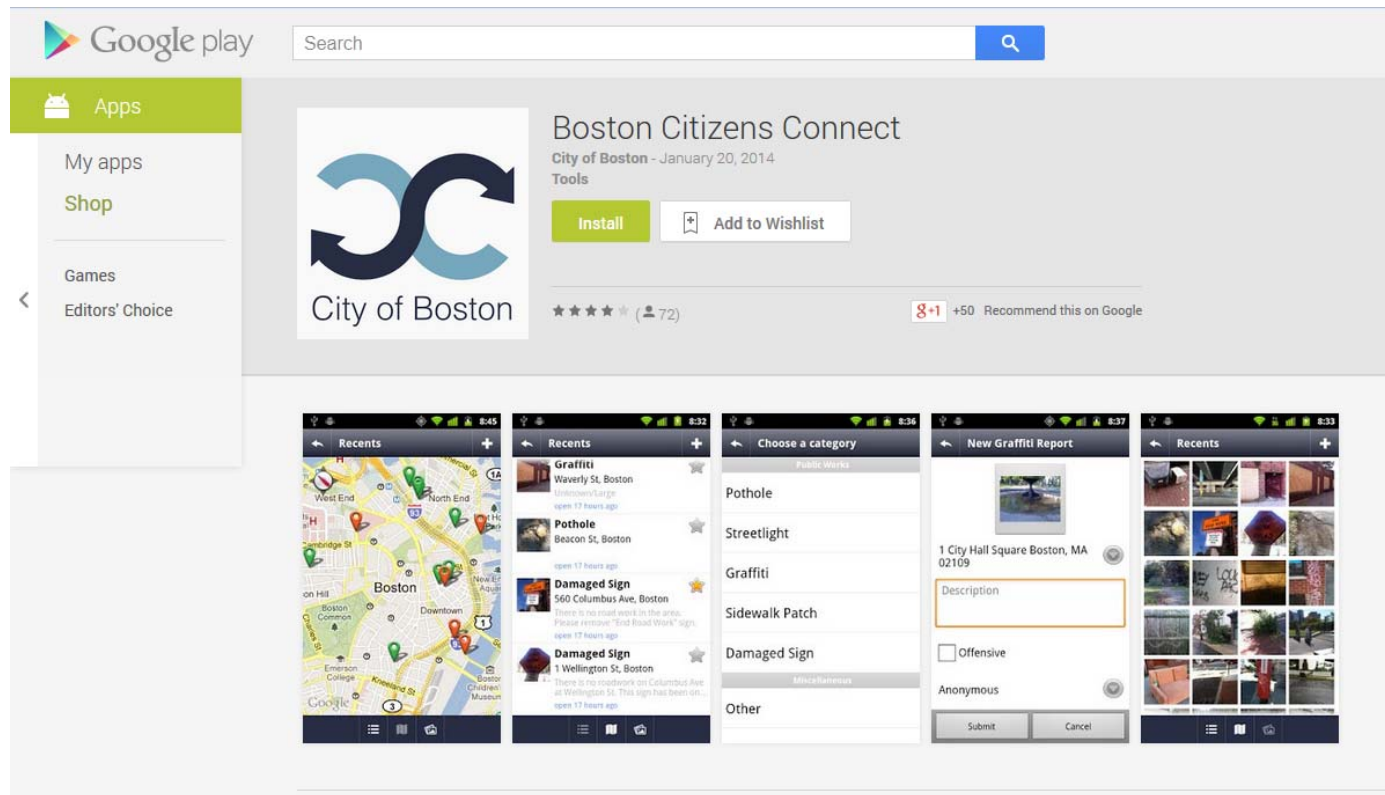


Town of Manchester Citizen Reporting Tool MarkIt

Presented by Kevin Berger,
Town of Manchester GIS



Tasked by Director of Public Works

As seen at a Public Works Conference....

.... Replicate the City of Boston's 311 application

(which has evolved into Boston Citizens Connect)



Building Web applications for iOS and Android using dojox.mobile

by kelly on September 1, 2010

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Several weeks ago we had a [post](#) on how to get started building iPhone applications with the ArcGIS API for JavaScript. In this post we'll dive a little deeper and look at how you take advantage of the features available in Android and iOS mobile browsers to build rich internet applications.

Mobile Frameworks

There are several mobile JavaScript frameworks available that provide a starting point for building iPhone and Android applications. Frameworks like [JQTouch](#), [dojox.mobile](#) and [jQuery Mobile](#) (coming later this year) provide lightweight widgets optimized for mobile devices and CSS to easily give your application a native iPhone or Android look and feel. The examples in this post use dojox.mobile which provides a set of lightweight widgets that help you build pages that look and act like native applications.

Dojox.Mobile

[Dojox.mobile](#) is part of Dojo 1.5, which will be included with version 2.1 of the ArcGIS API for JavaScript. Dojox.mobile provides several lightweight widgets (views, buttons, lists, etc) that look and act like those found on the iOS and Android native interfaces. The `view` widget defines a single page in your application. You can add multiple views to your application then use the provided transitions (flip, fade, slide) to move between the views.

```
<div id="directionsView" dojoType="dojox.mobile.View">
  <h1 dojoType="dojox.mobile.Heading" back="Map" transition="flip" moveTo="mapView">Directions</h1>
  <div id="directions" dojoType="dojox.mobile.RoundRect" shadow="true" ></div>
</div>
```

The reSEARCH began....

Here:

<http://blogs.esri.com/esri/arcgis/2010/09/01/building-web-applications-for-ios-and-android-using-dojox-mobile/>

Developers ▾ | Design **Develop** Distribute 🔍 | ☰

Training API Guides Reference **Tools** Google Services Samples

Developer Tools

- Download** ▾
- Setting Up the ADT Bundle
- Setting Up an Existing IDE ▾
- Android Studio ▾
- Exploring the SDK
- Download the NDK

Workflow ▾

Support Library ▾

Tools Help ▾

Revisions ▾

ADK ▾

Get the Android SDK

The Android SDK provides you the API libraries and developer tools necessary to build, test, and debug apps for Android.

If you're a new Android developer, we recommend you download the ADT Bundle to quickly start developing apps. It includes the essential Android SDK components and a version of the Eclipse IDE with built-in **ADT (Android Developer Tools)** to streamline your Android app development.


With a single download, the ADT Bundle includes everything you need to begin developing apps:

- Eclipse + ADT plugin
- Android SDK Tools
- Android Platform-tools
- The latest Android platform
- The latest Android system image for the emulator

Android Studio Early Access Preview

A new Android development environment called Android Studio, based on IntelliJ IDEA, is now available as an **early access preview**. For more information, see [Getting Started with Android Studio](#).

If you prefer to use an existing version of Eclipse or another IDE, you can instead take a more customized approach to



Download the SDK
ADT Bundle for Windows


And here....

ArcGIS API for JavaScript


- Tutorials
- Concepts
- API Reference
- Samples**
- Forum




Latest Samples: Newest samples added to the SDK.



Analytics: Geoprocessing, Geometry Service and other samples to demonstrate how to add various analysis capabilities to an application.



Directions and Routing: Calculate directions between two or more locations or use Network Analyst functionality such as service areas or find closest facilities.




```
//layer.setLayerDefinition  
//In the sample below I  
//Those array elements c  
var layerDefs = [];  
layerDefs[5] = "STATE_NA  
layerDefs[4] = "STATE_NA  
layerDefs[3] = "STATE_NA
```

Dynamic Layers: Add and interact with dynamic map services from ArcGIS Server, including dynamic layer functionality that was released with ArcGIS Server 10.1.



Editing: Full featured data editing in a browser is possible using the bundled editing widgets.



Geocoding: Use the built-in geocoding widget to access ArcGIS Server geocoding and reverse geocoding services.




Graphics: Map graphics can be used to show any vector geographic feature on a map.

HTML

Examples showcasing various HTML5 technologies such as geolocation, local storage,

To here...



Manchester

Home Business Residents Visitors Department List Education Employee Directory Directions to Facilities

Search

Town of Manchester

Bid Requests
Birth & Vital Records
Calendars
Citizen Request System
City News & Info
E-Services
Job Center
Maps of Manchester
Online Bill Pay and Tax Payment Lookup
Quick Links
Report a Pothole
Document Center

Employee Access Portal

Board of Directors Meeting Agenda

GM's Report to the Board of Directors

Boards & Commissions


Mayor Leo Diana's Welcome Letter

Children, Youth & Families Master

Home

WELCOME TO MANCHESTER

The Official Government Website for Manchester, Connecticut



Closings, Cancellations, and Parking Ban Information

SMARTR Committee Presentation 12/3/13
Resolution and PowerPoint Presentation

UPCOMING CALENDAR EVENTS

Welcome to Manchester, Connecticut, USA, a thriving small city in the growing eastern section of the Hartford region.

Manchester has more than 1,000 acres of park land, a range of housing styles and prices in attractive neighborhoods, Manchester Memorial Hospital, Manchester Community College, an award-winning school system, performing arts organizations, libraries and friendly, community-spirited residents.

TOWN NEWS and EVENTS

Town News & Events:

- Little League Signups
- Senior Homeowner's Program
- Expanded Recycling - February 1, 2014
- Support our Troops
- Neighborhood Academy Spring 2014
- Free Manchester Income

Manchester 2020

AXIS901

TODAY'S SHOW

See what's on Silk City Television tonight!
[OnDemand Video](#)

Customer Service & Information Center (860) 647-5235


Manchester Matters E-mail Service

9 5 2 1 0

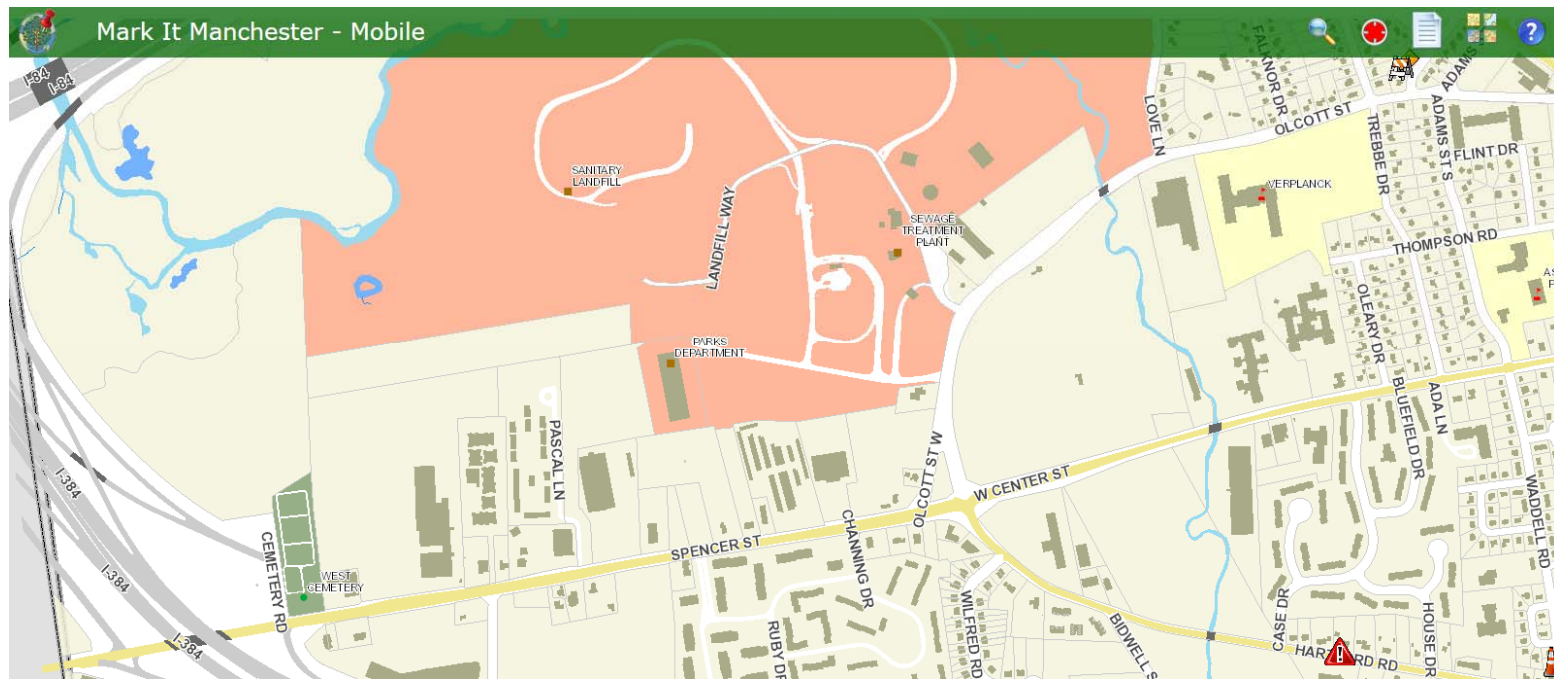
Neighborhood Academy Government 101

Parks & Recreation

Better Manchester Magazine and Parks & Rec Brochure (PDF)

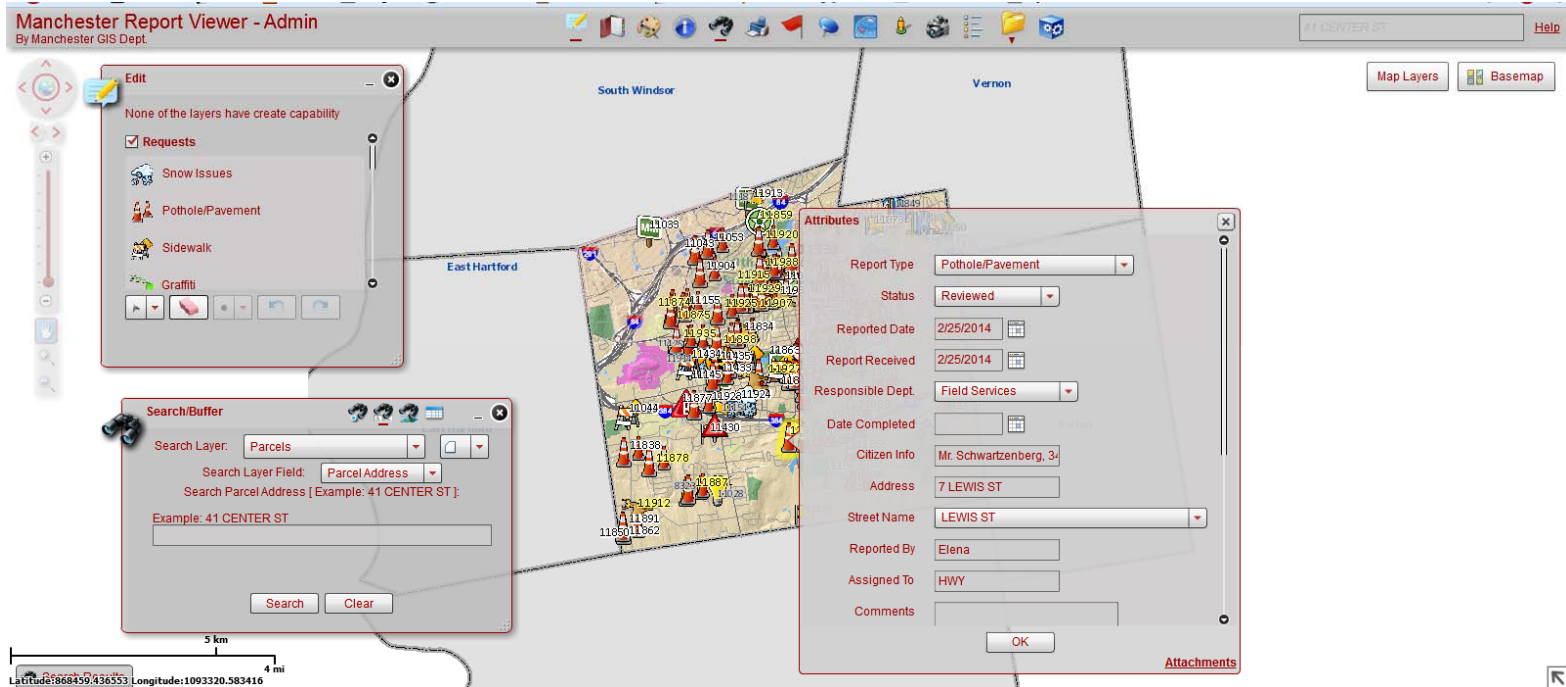


AND finally to here!



How about a tutorial video now?

<http://www.youtube.com/watch?v=5JKlwUyihk&feature=youtu.be>



Administrative Site for Town Employees

Manage, assign, update status, etc. of Citizen reports.