

Using ArcGIS Web API to Create a Parcel Search Website

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Why use ArcGIS Web API?

- Existing web site was not using web services (Shapefiles)
- Maintaining old tools so we can continue to use Shapefiles for Annotation
- High cost associated with keeping the old tools up and running
- Keeping the data on the site up to date
- Common platform for app development

Things We Learned

- People hate change
- People really hate change
- We should have reached out to the community prior to the released for feedback
- People really really hate change

The ArcGIS Platform

- **ArcGIS Desktop – ArcMap, ArcCatalog, ArcGIS Pro**
- **ArcGIS Server – Map and Feature Services**
- **ArcGIS Online**
 - Content Management
 - Access and Control
 - Portal
 - Layers
 - Webmaps
 - Applications
 - Feature data hosting

Templates

- **Configurable Web Application**
- **Publish Application Instances**
- **Built in Templates**
- **Build your own**
 - WebApp Builder
 - ArcGIS SDK for JavaScript
 - WebApp Builder for Developers

Application Templates

App Registration

UPDATE UNREGISTER APP

Properties

URL

Purpose

API

Tags

Credits

Delete Protection Prevent this item from being accidentally deleted.

Extent

Configuration Parameters

```
{ "configurationSettings": [ { "category": "General Options", "fields": [ { "type": "webmap", "fieldName": "webmap" }, { "type": "string", "fieldName": "pageTitle", "label": "Page Title", "tooltip": "", "stringFieldOption": "textbox", "placeholder": "Enter title" }, { "type": "string", "fieldName": "pageSubtitle", "label": "Page Subtitle", "tooltip": "", "stringFieldOption": "textbox", "placeholder": "Enter text" }, { "type": "string", "fieldName": "geometryServiceUrl", "label": "Geometry Service Url", "tooltip": "", "stringFieldOption": "textbox", "placeholder": "Geometry Service URL endpoint for ArcGIS Server" } ], "category": "Search Options", "fields": [ { "type": "string", "fieldName": "searchMapService", "label": "Search Map Service Url", "tooltip": "", "stringFieldOption": "textbox", "placeholder": "http://..." }, { "type": "string", "fieldName": "resultsFeatureUrl", "label": "Search Result Url", "tooltip": "", "stringFieldOption": "textbox", "placeholder": "http://..." }, { "type": "string", "fieldName": "reportMapService", "label": "Report Url", "tooltip": "", "stringFieldOption": "textbox", "placeholder": "http://..." } ] }, { "category": "Print Options", "fields": [ ... ] } ] }
```


Application Templates

Configure: Clark PAT Demo Web App

Map Options | **Heading Options** | Search Options | Com >

Use the Select Web Map button to select or change the webmap used in the application.

Clark PAT Demo Map



Select Web Map

Min. Zoom Scale:

Max. Zoom Scale:

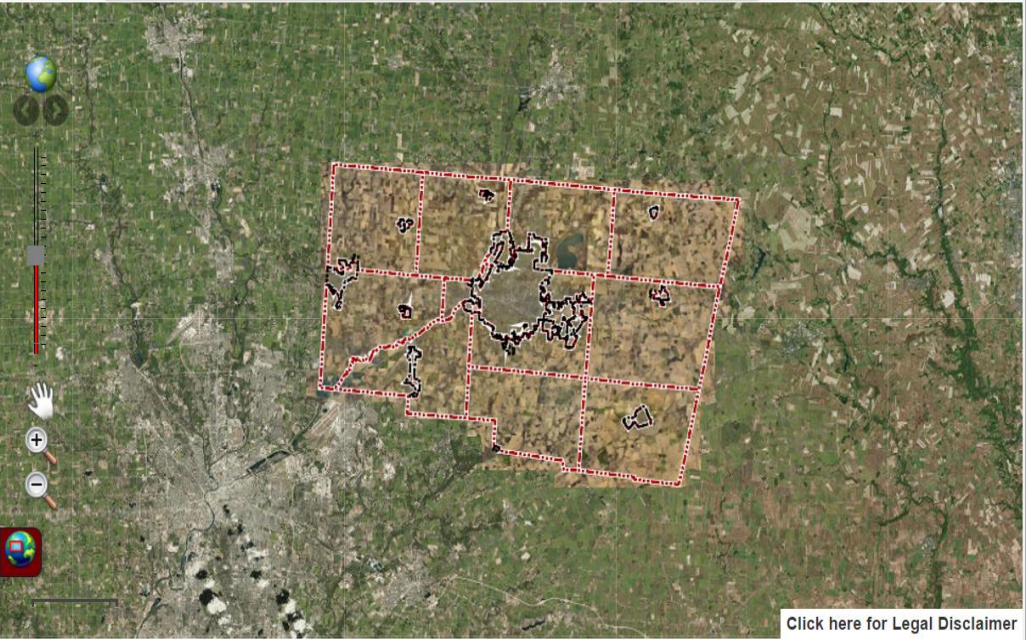
North Arrow Image

Geometry Service Url

Clark County GIS Parcel Search

Search: View Search Results

Map & Tools > Help >



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Save Launch Close

ArcGIS for Land Records

- **Configurable Applications built for your office**
- **Solutions Gallery**
 - Local Government Information Model
 - Local Government Basemaps
 - ArcGIS Online Implementation Patterns
 - Applications