

ROKMAPS™ R1 Configuration Instructions

To successfully configure ROKMAPS™, you must know the well-known REST URL endpoint of the Map Service, Feature Service, Print Service and Geometry Service for the following:

1. Dynamic Map Service(s) (Required)
2. Printing Geoprocessing Service (Required)
3. Geometry Service (Required)
4. Tiled (Cached) Map Service(s) (Optional)
5. Feature Layer Service(s) (Optional)

ROKMAPS™ Map Service Setup

1. Dynamic Map Services (Required)

ROKMAPS™ has the ability to consume up to four map services. The map service defines various application parameters such as field aliases and layer symbology. The map service is also used to draw mapping data dynamically and to query data.

An example of a map service URL:

http://sampleserver1.arcgisonline.com/ArcGIS/rest/services/Demographics/ESRI_Census_USA/MapServer

Additional Help available at -

<http://server.arcgis.com/en/server/latest/get-started/windows/tutorial-publishing-a-map-service.htm>

1. Any of the services can be used to create a total of 3 configurable searches--based on 3 different layers, with unlimited fields to search by for each.
2. All of the layers in the dynamic services will be available for searching in the Query Builder.
3. All of the layers in the dynamic services will be available for selecting using an Active Layer drop down.

2. A Printing Service (Required)

Specify a print template to be used in ROKMAPS to create map exports in various layouts and formats. You can also create custom print templates. The print service must be set up as a Synchronous Execution Type. An example REST URL for a Printing Service is below:

<http://sampleserver6.arcgisonline.com/arcgis/rest/services/Utilities/PrintingTools/GPServer/Export%20Web%20Map%20Task>

3. A Geometry Service (Required)

ROKMAPS requires a Geometry Service as it has many measurement and geometric functions. The Geometry Service URL looks similar to your Dynamic Map Service URL.

An example of a map service URL:

<http://sampleserver1.arcgisonline.com/ArcGIS/rest/services/Geometry/GeometryServer>

*Note - Make sure to use a Geometry Service of your own and not the example above.

4. Tiled (Cached) Map Service for Aerial Photography or other data

You may choose to enter the REST URL for a tiled map service. One common dataset to create a tiled (cached) map service for is aerial photography. The service can be used as Basemap or can be added to the layerlist. The tiled (cached) map service cannot be a dynamic map service, the data frame needs to be in WGS 1984 Web Mercator Aux. Sphere, and the tiling scheme must match Esri's standard tiling scheme.

An example of a tiled (cached) map service URL:

http://services.arcgisonline.com/ArcGIS/rest/services/World_Street_Map/MapServer/

Additional Help from Esri -

<http://server.arcgis.com/en/server/latest/get-started/windows/tutorial-creating-a-cached-map-service.htm>

5. Feature Layer Services

ROKMAPS™ has the ability to consume layers from a feature service. The feature service allows the user to query data and display the results in an infowindow. Make sure to include the LayerID in the URL input box as well as the Feature Service Layer ID input.

An example of a feature service URL:

https://services.arcgis.com/V6ZHFr6zdgNZuVG0/arcgis/rest/services/Landscape_Trees/FeatureServer/0