

ArcGIS Workflow Manager JavaScript Viewer

Overview:

The Workflow Manager JavaScript Viewer is a fully functional sample application used as is with basic configuration. Configuration and deployment steps are provided in this document. Basic knowledge of ArcGIS Server and Workflow Manager Server REST services is assumed.

Deployment:

Please execute the following steps to deploy the application:

1. Install an HTTP server such IIS or Apache.
2. Copy the contents of the Workflow Manager Flex viewer folder into the web folder of the HTTP server, either at the root or a subfolder. (e.g. C:\Inetpub\wwwroot, C:\Inetpub\wwwroot\wmviewer, C:\Apache\htdocs, C:\Apache\htdocs\wmviewer).
3. Modify the deployed **js/app/WorkflowManager/config/AppConfig.js** file to configure the Workflow Manager service, AOI Map service, and ArcGIS Token service if these are secured services (details below).
4. Modify the deployed **js/widget/gis/BasemapGallery.js** file to configure custom basemaps (details below).
5. Modify the deployed **proxy/proxy.config** file to configure the Workflow Manager service that the proxy will forward to (details below).
6. If using IIS, create a website.
7. Launch the sample viewer in a web browser.

Configuration for AppConfig.js:

Several properties can be configured for the viewer. Modify the deployed `js/app/WorkflowManager/config/AppConfig.js` file.

Application settings

- **app.ServiceRoot** – Specifies the REST URL of the Workflow Manager Service.
- **app.UseTokenAuthentication** – Specifies whether to use ArcGIS Server Token authentication.
- **app.TokenService** - Specifies the URL of the ArcGIS Token service.
- **app.DefaultUser** – Specifies the default user name for the web application. Note that the user should be a valid Workflow Manager Application user.
- **app.jobAOILayer.url** - Specifies the REST URL of the Area of Interest (AOI) Map service. The AOI feature class must be published in a Map service with the feature class being the top most layer. This is necessary for AOI queries to work correctly.
- **proxy.url** – Specifies the location of the proxy.

Map settings

- **map.defaultBasemap** – Specifies the id of the basemap to use as the default basemap.
- **map.basemapGallery**
 - **isEnabled** – Specifies whether or not to enable a map gallery for selecting basemaps.

- **showArcGISBasemaps** – Specifies whether or not to use ArcGIS online basemaps in the basemap gallery. If this property is set to “false”, custom basemaps will have to be configured in the BasemapGaller.js file (details below).
- **map.initialExtent** - Specifies the application’s Area of Interest (AOI) map extent on log in.
- **map.navigation** – Specifies the navigation controls for the map.
- **map.overview** – Specifies whether or not to include an overview map.
- **map.scalebar** – Specifies whether or not to include a scale bar in the map.
- **map.coordinates** – Specifies whether or not to show map coordinates.
- **map.drawTool** – Specifies whether or not to show map draw tools.

Configuration for BasemapGallery.js:

Custom basemaps can be configured for the application. Modify the deployed js/widget/gis/BasemapGallery.js file.

- Locate the “getCustomBasemaps” function and edit the basemap list with your custom basemaps.

Configuration for proxy.config:

Configure the proxy settings for the application. Modify the deployed proxy/proxy.config file.

- **serverUrl** – Specifies the Workflow Manager Server REST endpoint. Change “myserver” to the hostname of your ArcGIS server.