ArcGIS API For Flex
Advanced Topics
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Lots of Code !!!
Advanced Samples in API
http://resources.arcgis.com/en/communities/flex-api/
ArcGIS HeatMapLayer

- Subclass Layer
- Query Task
- Supports Time
- HeatMapEvent
HeatMap Demo
SOE Connection
ArcGIS Services Directory

Home > Elevation > ESRI_Elevation_World (MapServer) > ElevationsSOE > ElevationLayers: 1

ElevationsSOE (ElevationLayers: 1)

Name: Global Elevations
ID: 1

Extent:

xmin: -16986822.228633128
ymin: -8615716.5657401197
xmax: 16986821.951102037
ymax: 8615716.782856293
Spatial Reference: 54030

Supported Operations: GetElevationAtLonLat, GetElevations, GetElevationData, GetElevationProfile
Supported Interfaces: Rest, Schema
- ArcGIS ElevationSO ELayer
- Subclass Layer
- Client-side raster interpolation
- ElevationsSO EResult
- ElevationsSO ETask
Elevations Demo
Portal API
• ArcGIS Online
• ArcGIS Online for Organizations
• Portal for ArcGIS
• Search, Query, Consume content
Portal Demo
Road Ahead
Fall 2012
• CSV Layer
• Dynamic Workspaces
• Feature Data Grid
• Local Tiled Layer
Dynamic Workspaces
• New Data Source
• Dynamic Layer Generation
• Override Default Symbol
Dynamic Workspace Demo
FeatureDataGrid
Disconnected Tiles
Tile package options

Upload package to my ArcGIS Online account — Use this option to share a package with a wide audience by sharing to your ArcGIS Online account. Once you have uploaded the package to your online account, you can share it within your private groups or with everyone.

Save package to file — Packages can be shared locally by writing a package file to disk. Like any other file format, a package can be shared through email or by copying and pasting to other locations on your internal network.

The following image illustrates saving a tile package to a local directory.

Tiling scheme

The tiling scheme includes the scale levels, tile dimensions, and tile origin for the cache. These properties define where tile boundaries will exist and are important to match when overlaying caches in some clients. Other properties such as image format are also written into the tiling scheme but do not affect whether the client application can successfully overlay the tiles.

There are several options you can choose for the tiling scheme:
ArcMap Options
Share as Tile Package
<?xml version="1.0" encoding="utf-8"?>
    xmlns:s="library://ns.adobe.com/flex/spark"
    xmlns:esri="http://www.esri.com/2008/ags"
    applicationDPI="160">
    <esri:Map id="map"
        logoVisible="false"
        scaleBarVisible="false"
        wrapAround180="true"
        zoomSliderVisible="false">
        <esri:ArcGISLocalTiledLayer file="{File.applicationDirectory.resolvePath('World.tpk')}"/>
    </esri:Map>
</s:Application>
Mobile Development
• Android

• iOS

• Apple Developer
LocalTileLayer Demo
Custom Symbols Demo
Heat Maps
BitmapData
Gradient Filling
• Density Point
• Density Map
• 3D Density
More Info

- http://resources.arcgis.com
- http://links.esri.com/flex
http://www.esri.com/ucsessionssurveys

Survey Offering

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