

2016CTAC

AMANDA 7 - GIS

GIS Adaptor Configuration

A7 GIS Adaptor

The screenshot displays the AMANDA Administration web interface. The top navigation bar includes the AMANDA logo, a menu with 'System', 'Core', 'Modules', 'Display', and 'Help', and utility links for 'Clear Cache', 'French', and a search box. The main content area is titled 'Orientation' and 'GIS Adaptor'. On the left, a sidebar shows a tree view with 'GIS Adaptor' expanded, containing 'Configuration Options' and 'GIS Layer'. The main content area shows '0 Rows Returned' and a table with columns for 'Expand All' and 'Collapse All'. The table contains two sections: 'Getting Started' and 'Valid GIS Adaptor'. The 'Getting Started' section explains the purpose of the GIS Adaptor Administration window. The 'Valid GIS Adaptor' section provides details on how to configure the GIS button, including a sample record with fields for 'GIS Adaptor From', 'GIS Adaptor Desc', and 'GIS Data SQL'.

AMANDA ADMINISTRATION

System Core Modules Display Help

Clear Cache French Search

Orientation GIS Adaptor

0 Rows Returned

GIS Adaptor

- Configuration Options
- GIS Layer

Orientation

Expand All Collapse All

Getting Started

The GIS Adaptor Administration window is used in conjunction with the AMANDA GIS Adaptor. This window is used to configure the set of data that is sent to the external GIS when the GIS button is pressed.

Valid GIS Adaptor

A GIS button is available in many AMANDA windows. The Valid GIS Adaptor window allows the AMANDA Administrator to override the default set of data that is sent to the GIS when the GIS button is pressed.

To configure which columns are sent to the GIS the Administrator must define the window from which the GIS button is pressed (Folder, FolderProperty etc) and the SQL that is executed to populate the data set. The SQL input parameter is dependent on the source window. As defined in the GIS Adaptor manual, each column in the data set must be separated by a | symbol.

A sample record in the ValidGISAdaptor window might be as follows:

GIS Adaptor From: Folder
GIS Adaptor Desc: GIS button in Folder window
GIS Data SQL: SELECT Folder | Folder.FolderRSN | | Folder.PropertyRSN | | Property.PropGISID
FROM Folder, Property
WHERE Folder.PropertyRSN = Property.PropertyRSN
AND Folder.FolderRSN in (argFolderRSNList)

AMANDA GIS Map Type



Google Map

The screenshot shows the 'GIS Adaptor' configuration page. The left sidebar contains 'GIS Adaptor', 'Configuration Options', and 'GIS Layer'. The main content area is titled 'Configuration Options' and includes 'Save' and 'Refresh' buttons. It is divided into two sections: 'AMANDA GIS Map Type' and 'Map Configuration'. In the 'AMANDA GIS Map Type' section, the 'Map Type' is set to 'Google Map' (selected with a radio button) over 'ESRI Map'. The 'Map Configuration' section includes a 'Google Map Authentication Key' field with the text 'Google Map Authentication Key' and a 'Show Map Street View' checkbox which is currently unchecked.

The screenshot shows the 'Personalization' configuration page, specifically the 'Corporate Address' section. The left sidebar lists various personalization options, with 'Corporate Address' selected. The main content area has 'Save', 'Refresh', and 'Audit' buttons. It contains several input fields: 'Saskatchewan Power', '2025 Victoria Ave', and 'Regina, SK S4P 0S1'. Below these is a 'City' field with 'Regina' entered. At the bottom, there is a 'City Default For Property' dropdown menu set to 'Yes'.

AMANDA GIS Configuration

AMANDA GIS Configuration

GIS Property Shared Key.
GIS Property Shared Key e.g PropGisId1

AMANDA Feature Service URL.
Provide the AMANDA Feature Service URL

Map View Type.
The Map View Type GIS Viewer Demo

GIS Viewer End Point URL.
Provide the Gis Viewer End Point URL to be shown in the GIS/PermitList/PropertyList/TaskList

GIS Embedded Viewer End Point URL.
Provide the Gis Embedded Viewer End Point URL to be shown in the Permit/Property Detail

Fields:

- OBJECTID (type: *esriFieldTypeOID* , alias: OBJECTID)
- ADDRESS_PO (type: *esriFieldTypeInteger* , alias: ADDRESS_PO)
- ENTERPRISE (type: *esriFieldTypeInteger* , alias: ENTERPRISE)
- OFFICIAL_P (type: *esriFieldTypeString* , alias: OFFICIAL_P , length: 20)
- UNOFFICIAL (type: *esriFieldTypeString* , alias: UNOFFICIAL , length: 20)
- COMPLETE_A (type: *esriFieldTypeString* , alias: COMPLETE_A , length: 122)
- FULL_ADDRE (type: *esriFieldTypeString* , alias: FULL_ADDRE , length: 27)
- COMPLETE_S (type: *esriFieldTypeString* , alias: COMPLETE_S , length: 94)
- ADDRESS_NU (type: *esriFieldTypeString* , alias: ADDRESS_NU , length: 10)
- ADDRESS__1 (type: *esriFieldTypeInteger* , alias: ADDRESS__1)
- ADDRESS__2 (type: *esriFieldTypeString* , alias: ADDRESS__2 , length: 10)

Arc GIS Configuration

▼ Arc GIS Configuration

GIS Service Token. The Encrypted Token Used for User Id & Password .(Esri Token-Id)	<input type="text" value="GIS Service Token."/>
ArcGis FeatureService EndPointURL. Provide the ArcGisFeatureServiceEndPointURL	<input type="text" value="https://aws-dmags2.geocortex.com/arcgis/rest/services/OCFL/OCFL_TaxParcels/MapServer"/>
GIS Layer Name. The GIS LayerName e.g Land Use/Service Requests	<input type="text" value="Address Points"/>
GIS Layer ID. The GIS LayerID e.g 0 or,1	<input type="text" value="0"/>

Layer: Address Points (ID: 0)

View In: [ArcGIS Online map viewer](#)

Name: Address Points

Display Field: BASENAME

Type: Feature Layer

Geometry Type: esriGeometryPoint

Buffer Search Configuration

Buffer Search Configuration

ArcGis Buffer EndpointURL.
Provide the BufferSearchEndPointURL

Distance Unit.
The distance Unit Type(For reference: http://resources.arcgis.com/en/help/arcobjects-cpp/componenthelp/index.html#esriSRUnitType_Constants/000w00000042000000/)

Spatial Reference.
The Georeferencing and Coordinate system assigned to Selected Value.

https://aws-dmags2.geocortex.com/arcgis/rest/services/Utilities/Geometry/GeometryServer/b

9001

102100

Distance Unit

ArcObjects Library Reference (Geometry)

esriSRUnitType Constants

The available units of measure.

Constant	Value	Description
esriSRUnit_Meter	9001	International meter.
esriSRUnit_GermanMeter	9031	German legal meter.
esriSRUnit_Foot	9002	International foot.
esriSRUnit_SurveyFoot	9003	US survey foot.
esriSRUnit_ClarkeFoot	9005	Clarke's foot.
esriSRUnit_Fathom	9014	Fathom.
esriSRUnit_NauticalMile	9030	International nautical mile.
esriSRUnit_SurveyChain	9033	US survey chain.
esriSRUnit_SurveyLink	9034	US survey link.
esriSRUnit_SurveyMile	9035	US survey mile.

Spatial Reference

Layer: Address Points (0)
Name: Address Points
Display Field: BASENAME
Type: Feature Layer
Geometry Type: esriGeometryPoint
Description:
Definition Expression: N/A
Copyright Text:
Default Visibility: true
MaxRecordCount: 1000
Supported Query Formats: JSON, AMF
Min Scale: 10000
Max Scale: 0
Supports Advanced Queries: true
Supports Statistics: true
Has Labels: false
Can Modify Layer: false
Can Scale Symbols: false
Use Standardized Queries: true
Extent:
XMin: -9090167.6686
YMin: 3292820.4103000015
XMax: -9007549.0108
YMax: 3348440.3972000033
Spatial Reference: 102100 (3857)

Valid GIS Layer

AMANDA ADMINISTRATION System Core Modules Display Help Clear Cache French Search

Orientation GIS Adaptor x

2 Rows Returned

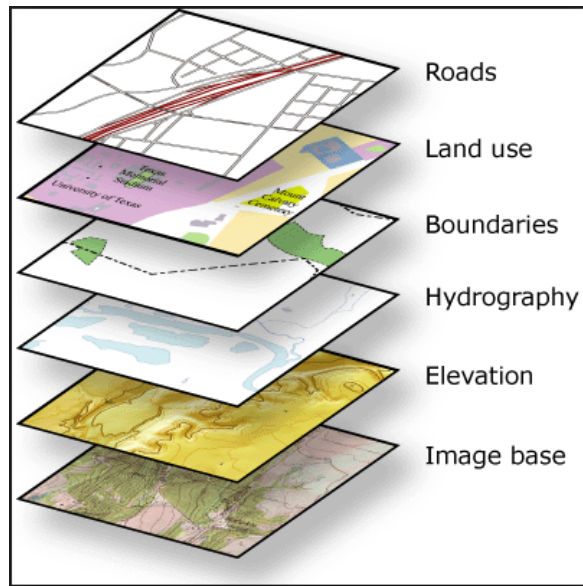
GIS Adaptor

- Configuration Options
- GIS Layer

GIS Layer

+ Add Delete Save Refresh Sort Query Export Audit Help Search Search

	Layer Id	Layer Name	Map Layer Name	Shared Key	Access Code	Comments
<input type="checkbox"/>	1	Layer Name	Land Use	Shared Key	Access Code	Comments
<input type="checkbox"/>	2	Layer Name	Trees	Shared Key	Access Code	Comments



All Layers and Tables (OCFL/OCFL_TaxParcels)

Layers:

Layer: [Address Points \(0\)](#)

Name: Address Points

Display Field: BASENAME

Type: Feature Layer

Geometry Type: esriGeometryPoint

Description:

Definition Expression: N/A

Copyright Text:

Default Visibility: true

MaxRecordCount: 1000

Supported Query Formats: JSON, AMF

Min Scale: 10000

Max Scale: 0

Supports Advanced Queries: true

Supports Statistics: true

Has Labels: false

Can Modify Layer: false

Can Scale Symbols: false

Use Standardized Queries: true

Extent:

XMin: -9090167.6686

YMin: 3292820.4103000015

XMax: -9007549.0108

YMax: 3348440.3972000033

Spatial Reference: 102100 (3857)

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Thank you! Questions?