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Landfolio North American Regional User Conference

Authoring Maps in Landfolio

Authoring Maps

Overview

- Maps are mash-ups of Map Services
- Map Services are authored by client GIS admins in ArcGIS Pro / ArcMap or externally derived
 - Internal map services include:
 - Representations of Landfolio managed shapes
 - Representations of other (admin) shapes



Authoring Maps

Overview

- Map Services continued:
 - External map services include:
 - Raster or Image data (e.g. ArcGIS Online basemaps)
 - Vectorized Web Map or Web feature services (e.g. WhiteStar datasets)
- Map Service authorization is possible



Map Service Examples

< Admin Tools > Map Services

There are 4 Map services in the list.



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All	Service Name	REST Url
<input type="checkbox"/>	Online_WorkDemo	https://ssm.landfolio.com/arcgis/rest/services/WorkDemo/Licenses/MapServer
<input type="checkbox"/>	World Imagery	https://services.arcgisonline.com/arcgis/rest/services/World_Imagery/MapServer
<input type="checkbox"/>	World Topo Map	https://services.arcgisonline.com/ArcGIS/rest/services/World_Topo_Map/MapServer
<input type="checkbox"/>	Alaska Special Use Land Classification	https://arcgis.dnr.alaska.gov/arcgis/rest/services/OpenData/SurfaceClassification_SpecialUse/MapServer/

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Map Service Configuration

What is done in ArcGIS Pro / ArcMap

- Layer properties
 - Symbology
 - Attributes available on layers by query of Spatial or custom views
 - Layer grouping
 - Scale range for visibility
- Multiple layers per service



Map Service Configuration

What can be done in Landfolio

- Service Properties

Name:	Online_WorkDemo	*
Type:	Esri Dynamic Map Service	*
REST Url:	https://ssm.landfolio.com/arcgis/rest/services/Wc	
Coordinate System:	https://ssm.landfolio.com/arcgis/rest/services/WorkDemo/Licenses/MapServer	
Display by default:	WGS_1984_Web_Mercator_AuxSphere	*
Display in legend:	<input checked="" type="checkbox"/>	
Collapsed by default:	<input type="checkbox"/>	
Allow user to turn visibility on or off:	<input checked="" type="checkbox"/>	
Display all layers in legend:	<input checked="" type="checkbox"/>	
Allow user to turn visibility on or off:	<input checked="" type="checkbox"/>	
Authentication:	<input type="radio"/> No authentication	
	<input checked="" type="radio"/> Requires authentication (use base ArcGIS credentials)	
	<input type="radio"/> Requires authentication (specify credentials)	



Map Service Configuration

What can be done in Landfolio

- Layer properties - Identify, Select, Search

General Templates

Map Layer Name: _____

Object Type: License

Allow Identify:

Allow Selection:

Allow Search:

Saved Search (for advanced search) _____

Spatial View _____ [Set Default](#)

Quick Search Fields: ApplNo, Code, Name, Parties

Licenses

Select quick search fields

1 2 3

Use	Search Field
<input type="checkbox"/>	AccCode
<input checked="" type="checkbox"/>	ApplNo
<input type="checkbox"/>	Archived
<input type="checkbox"/>	AreaUnit
<input type="checkbox"/>	CalculatedAreaUnit
<input checked="" type="checkbox"/>	Code
<input type="checkbox"/>	Comments
<input type="checkbox"/>	Commodities
<input type="checkbox"/>	CommoditiesCd
<input type="checkbox"/>	Group1

1 2 3



Map Service Configuration

What can be done in Landfolio

- Layer properties - Identify and Search/Select Templates

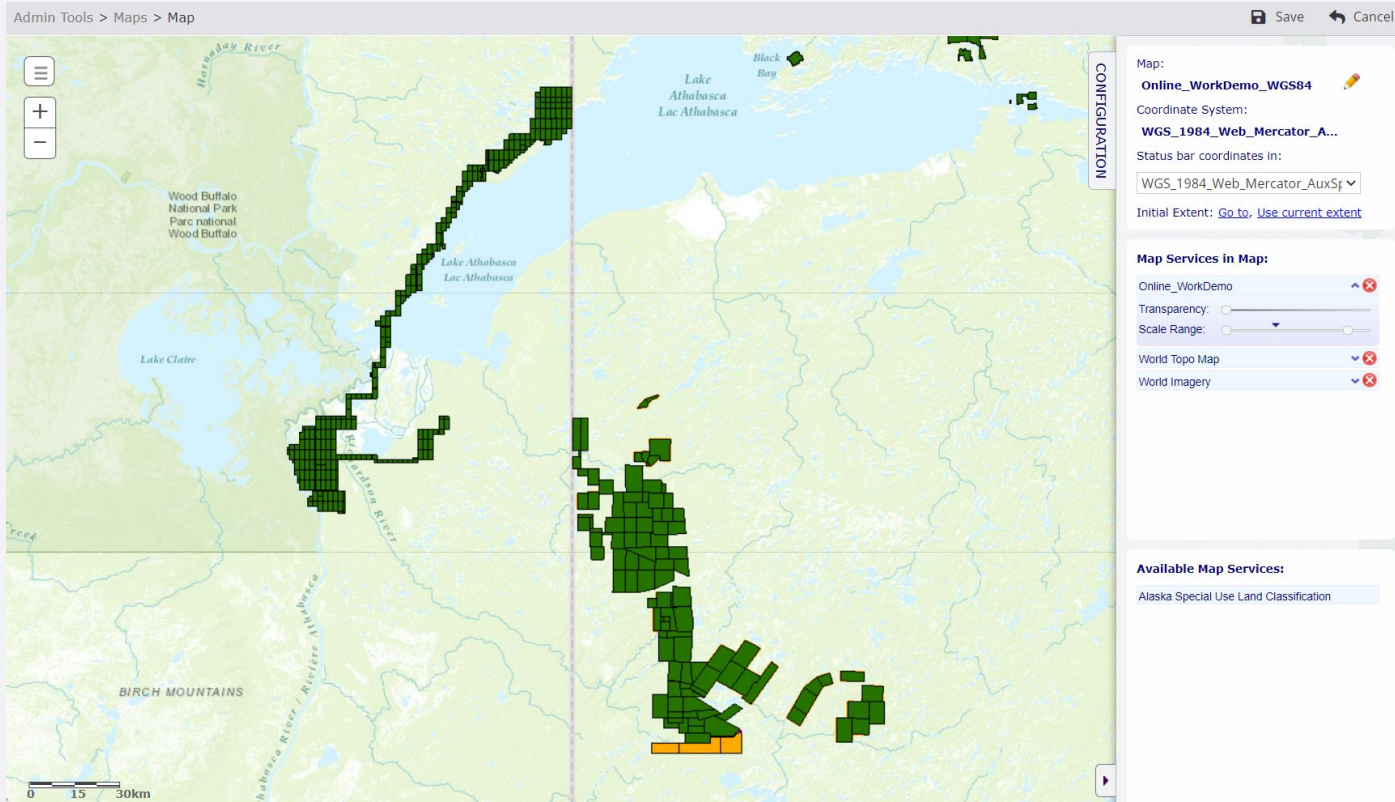
The screenshot displays the 'Templates' configuration tab within a software interface. It is divided into three main sections:

- Field Names:** A scrollable list of field names including AccCode, ApplNo, Archived, AreaUnit, AreaValue, CalculatedAreaUnit, CalculatedAreaValue, Code, Comments, Commodities, CommoditiesCd, DteApplied, DteExpires, DteGranted, and DtePegged.
- Identify Template:** A section with a 'Use Template' checkbox (unchecked) and a dropdown menu currently set to 'Using Default'.
- Search and Select Template:** A section with a 'Use Template' checkbox (unchecked) and a dropdown menu currently set to 'Using Default'.
- Properties:** A section for styling and language, including:
 - Language: English (selected)
 - Text
 - Label: Bold (checkbox unchecked)
 - Label: Italic (checkbox unchecked)
 - Value: Bold (checkbox unchecked)
 - Value: Italic (checkbox unchecked)
 - Margin (input field)
 - URL Field (optional) (input field)



Map Configuration

Admin Tools > Maps > Map



The screenshot displays a map configuration window. The main map area shows a topographic map of the Lake Athabasca region in Alberta, Canada. A green grid overlay is applied to a specific area of the map, primarily around Lake Athabasca and extending southwards. The grid cells are mostly green, with a few orange cells at the southern edge. The map includes labels for 'Lake Athabasca', 'Lake Claire', 'Hornaday River', 'Black Bay', and 'BIRCH MOUNTAINS'. A scale bar at the bottom left indicates 0, 15, and 30 km. On the left side of the map, there are navigation controls: a menu icon, a plus sign for zoom in, and a minus sign for zoom out. On the right side, there is a 'CONFIGURATION' panel with the following settings:

- Map: **Online_WorkDemo_WGS84**
- Coordinate System: **WGS_1984_Web_Mercator_A...**
- Status bar coordinates in: **WGS_1984_Web_Mercator_AuxSf**
- Initial Extent: [Go to](#), [Use current extent](#)
- Map Services in Map:
 - Online_WorkDemo (checked)
 - Transparency: [slider]
 - Scale Range: [dropdown]
 - World Topo Map (checked)
 - World Imagery (checked)
- Available Map Services:
 - Alaska Special Use Land Classification

At the top right of the configuration panel, there are 'Save' and 'Cancel' buttons.



Demonstration

