ArcGIS Enterprise: Migrating Content using Groups

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Why Do We Move Content?

Content Migration

Between ArcGIS Organizations

- You want a local File Geodatabase of your county's census tracts
- You want to move your facility location data from ArcGIS Enterprise to ArcGIS Online for public engagement
- You want to copy an internal business application from one division's ArcGIS Enterprise to another's
- You want to collaborate on data and applications with another trusted ArcGIS Enterprise

How Do You Move Content?

How do you move content?

Supporting different workflows

Create local copies

Work with data locally

Script moving data

Works across
the system

Swiss Army
Knife

Edit and
Collaborate

Export and Import Items

Why Content Migration Via Groups?

Why Content Migration Via Groups

One ArcGIS Enterprise

ArcGIS Enterprise

Why Content Migration Via Groups

Dev -> Staging -> Prod

Why Content Migration Via Groups

Two Disconnected Enterprises

Enterprise A
Network 1

Enterprise B
Network 2

Content Migration Via Groups

Capabilities

Available at 10.8.1

- Export
  - Extract all supported items, or set of supported items, from a group into an export package
- Import
  - Adds supported content items from an export into the selected group

Requirements

Available at 10.8.1

- ArcGIS Enterprise 10.8.1 or higher
- Groups set up in both Enterprises
- Group ownership role or admin on Enterprise
- Ability to import content into a specific folder
  - New at 10.9

Requirements

New at 10.9

- Ability to import content into a specific folder
  - New at 10.9
- Imported items default to capabilities of lower version of Enterprise involved
  - Items that move 10.8.1 -> 10.9 retains 10.8.1 capabilities
  - Can only move to more recent releases

Supported Items

How It Works: https://developers.arcgis.com/rest/users-groups-and-items/export-group-content.htm

Common supported items:

- Web map
- Web scene
- Web mapping applications
  - Web AppBuilder & Configurable Apps
- File geodatabase
- Hosted feature layers
- Excel spreadsheet
- PDF

Roadmap: referenced services, ArcGIS Dashboards, ArcGIS StoryMaps

Content Migration via Groups

How It Works

Content Migration via Groups

How It Works

- Takes place through the ArcGIS Enterprise portal sharing API.
- Included in the Python API to aid automation.
- Maintains item ID and item dependencies.
- Option to overwrite when imported items already exist.

Demonstration

Content Migration

Demonstration

Content Migration with the Python API

Resources

Documentation and Blogs

- Documentation
  - Import Group Content
  - Export Group Content

- Blog Post

- What's New in ArcGIS Enterprise 10.8.1

- Bill's Content Migration Notebook

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