**Project Development – Delivery of Sprint**

**Project delivery scripts**

Project Delivery allows a Services company (the project or source organization) to purchase and manage ArcGIS Online on behalf of their end users (the delivery or target organizations). These scripts are meant to be a starting point for Services users to automate the deployment of their industry-specific maps and apps to end users. The notebooks allow you to automatically customize, populate with content, and add users to a new ArcGIS Online or ArcGIS Enterprise Organization for project delivery

**There are four sets of notebooks. Each set of notebooks correspond to the target and source organization type:**

1. ArcGIS Online to ArcGIS Online Notebooks: use the notebooks in this folder if the source and target are both ArcGIS Online organizations.
2. ArcGIS Online to Enterprise Notebooks: use the notebooks in this folder if the source organization is ArcGIS Online and the target is an ArcGIS Enterprise organization.
3. Enterprise to ArcGIS Online Notebooks: use the notebooks in this folder if the source organization is ArcGIS Enterprise and the target is an ArcGIS Online organization.
4. Enterprise to Enterprise Notebooks: use the notebooks in this folder if the source and target are ArcGIS Enterprise organizations.

**Features**

* agol-to-agol-notebooks - Directory with notebooks to use if the source and target are both ArcGIS Online organizations
* Clone\_Template\_Group.ipynb - Jupyter Notebook to clone template content within an organization providing a new copy ready for customization
  + Clone\_Group\_Source\_to\_Target.ipynb - In this notebook, a group will be cloned from the source organization to a target organization.
  + Configure\_Target\_Users.ipynb - Jupyter Notebook to add users to an organization from an Excel spreadsheet.
  + SampleConfig - Example configuration directory
* agol-to-enterprise-notebooks - Directory with notebooks to use if the source organization is ArcGIS Online and the target is an ArcGIS Enterprise organization.
* Clone\_Template\_Group.ipynb - Jupyter Notebook to clone template content within an organization providing a new copy ready for customization
* Configure\_Target\_Org.ipynb - In this notebook, the target organization's User Interface will be customized with banner, boackground, thumbnail images, a description, a footer, and a featured group shown on the homepage.
* Clone\_Group\_Source\_to\_Target.ipynb - In this notebook, a group will be cloned from the source organization to a target organization.
* Configure\_Target\_Users.ipynb - Jupyter Notebook to automate adding users to an organization from an Excel spreadsheet.
* Setup\_Collaboration.ipynb - Jupyter Notebook to automate the creation of a collaboration between an ArcGIS Online and ArcGIS Enterprise organization.
* SampleConfig - Example configuration directory
* enterprise-to-agol-notebooks - Directory with notebooks to use if the source and target are both ArcGIS Online organizations
* Clone\_Template\_Group.ipynb - Jupyter Notebook to clone template content within an organization providing a new copy ready for customization
* Clone\_Group\_Source\_to\_Target.ipynb - In this notebook, a group will be cloned from the source organization to a target organization.
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* enterprise-to-enterprise-notebooks - Directory with notebooks to use if the source organization is ArcGIS Online and the target is an ArcGIS Enterprise organization.
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* Clone\_Group\_Source\_to\_Target.ipynb - In this notebook, a group will be cloned from the source organization to a target organization.
* Configure\_Target\_Users.ipynb - Jupyter Notebook to automate adding users to an organization from an Excel spreadsheet.
* SampleConfig - Example configuration directory
* Resource - contains diagrams of system set-ups

**Instructions**

1. Download the zip or clone the repo ($ git clone <https://github.com/ArcGIS/pdo-scripts.git>)
2. Pick which version of the scripts will work for your set-up based on your source and target organization type and navigate to the correct directory using the cd command.
3. Open a Jupyter Notebook that has access to the arcgis (api) library ($ jupyter notebook)
4. Read the Readme located in the sub directory for your workflow and follow the rest of the instructions there.

**Requirements**

* Install the ArcGIS API for Python (instructions)
* Access to Jupyter Notebooks (included with ArcGIS Python API)
* ArcGIS Online Organization for the company (project org), and at least one Organization for an end user (delivery org)
* You must have access to both of these orgs with administrator privileges
* Before automating, we recommend deploying a few delivery organizations manually
* A template group (with materials for the delivery orgs) that lives in the company's Online Organization or Enterprise System (or both)

**Resources**

* Collaboration FAQs
* Python Collaboration Documentation
* ArcGIS Enterprise and ArcGIS Online Collaboration Manual Steps
* Key Collaboration Concepts
* ArcGIS for Python API Resource Center

**Issues**

Find a bug or want to request a new feature? Please let us know by submitting an issue.

**Contributing**

Esri welcomes contributions from anyone and everyone. Please see our guidelines for contributing.

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