Consuming Geoprocessing and Hosted Analytic Services in ArcGIS for Desktop

Kevin Hibma
Overview

- Ready to use services provide key functionality and easy to use. They encapsulate good methodology and the data needed for the service. You supply simple inputs.
  - Eg. Viewshed or Data Extraction
Discovering Geoprocessing Services

• ArcGIS.com
  - Search the website, consume in Desktop from the link

• Ready-To-Use Services(inside ArcMap)
  - Once signed in, services available in the Catalog Tree
Geoprocessing Services

- Find a GP service within my Org
- Consume it
- Build a model around it
- Build a script tool around it
- [http://angp.maps.arcgis.com/home/item.html?id=351ae27f0b804ea68e4048e6704a36d1](http://angp.maps.arcgis.com/home/item.html?id=351ae27f0b804ea68e4048e6704a36d1)
Hosted Services

Sign in to ArcGIS.com
Tools available from ‘Ready to Use Services’
Ready-to-Use, the Server connection way

- Ready-to-Use services require being the app being signed in
- Also connect by making an ArcGIS Server connection:
  - Elevation - http://elevation.arcgis.com/arcgis/services
  - Hydro - http://hydro.arcgis.com/arcgis/services
- Can save credentials into the connect and share
  - Note: You could be sharing tools that will cost you credits
Hosted Services

Python Add-in: Elevation profile
http://esriurl.com/ElevationProfileAddin
Thank you…

• Please fill out the session survey:

  First Offering ID:  1208
  Second Offering ID:  1846

Online – www.esri.com/ucsessionsurveys
Paper – pick up and put in drop box