

Python User Group: February 28, 2017

Prep Concepts for Part1- Chaining ArcGIS Geoprocessing Tasks with Python

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What to know-

- Basic understanding of Python syntax
- How to set a variable in Python

What to have on your computer-

- ArcGIS Desktop
- A Python IDE (Integrated Development Environment = code editor) like IDLE, PythonWin, PyScripter or any of many more
- Three datasets available for download at DASC-
 - Kansas County Boundaries-
http://data.kansasgis.org/administrative_boundaries/shp/tiger2014/TIGER2014_County.zip
 - Kansas House of Representatives Boundaries-
http://data.kansasgis.org/administrative_boundaries/shp/leg_dist_2012/KS_House_of_Rep_2016.zip
 - KS Schools-
http://data.kansasgis.org/critical_infrastructure_and_structures/shp/schools/primary_secondary_schools2013.zip

Concepts to prep with-

- How to look at Help Documentation for syntax examples on Geoprocessing tools
 - Right click on the tool in ArcToolbox and select “Help”
 - Google the tool for Esri’s online help documentation
- ModelBuilder- how to create a basic model in ModelBuilder
 - We will practice some code examples by exporting models into Python scripts
- Breaking down workflows into specific, individual steps