

Federal GIS Conference 2014

February 10–11, 2014 | Washington DC



Crafting Python – CAD to ArcGIS

Joel McCune

Work smarter...not harder
–Allan F. Morgensen

Crafting Python Scripts – CAD to ArcGIS

- Tools
- Resources

Crafting Python Scripts – CAD to ArcGIS

- **Tools**
 - **ArcGIS Python Dialog**
 - **Error codes**
 - **Save as from ArcGIS Desktop Python dialog**
 - **IDE – PyScripter**

Crafting Python Scripts – CAD to ArcGIS

- Tools
- Resources
 - ArcGIS Help Documentation
 - ArcPy Café (<http://arcpy.wordpress.com/>)
 - Python Documentation (<http://docs.python.org/2/>)
 - StackOverflow (<http://stackoverflow.com/>)
 - GIS StackExchange (<http://gis.stackexchange.com/>)
 - GitHub (<http://github.com>)
 - ArcGIS Python Forums (<http://forums.arcgis.com/forums/117-Python>)
 - Flex your Google-fu

CAD to ArcGIS

- **Problem:**
 - CAD = single geometry with multiple “layers”
 - Each CAD layer needs to be a discrete ArcGIS feature class

CAD to ArcGIS

- **Problem:**
 - CAD = single geometry with multiple “layers”
 - Each CAD layer needs to be a discrete ArcGIS feature class
- **Solution**



Crafting Python

CAD to ArcGIS

Joel McCune



Crafting Python Scripts – CAD to ArcGIS

- **Tools**

- **ArcGIS Python Dialog**
- **Error codes**
- **Save as from ArcGIS Desktop Python dialog**
- **IDE – PyScripter**

- **Resources**

- **ArcGIS Help Documentation**
- ArcPy Café (<http://arcpy.wordpress.com/>)
- Python Documentation (<http://docs.python.org/2/>)
- StackOverflow (<http://stackoverflow.com/>)
- GIS StackExchange (<http://gis.stackexchange.com/>)
- GitHub (<http://github.com>)
- ArcGIS Python Forums (<http://forums.arcgis.com/forums/117-Python>)
- **Flex your Google-fu**





Understanding our world.