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just unzip and use Fast, easy setup: for many cases requires just a few lines of configuration code . Pros: Produces a python wrapper along with the pyd Requires creating typemap wrapper code for Python objects Does not support callbacks to Python . Cons: Extend Python Using C++ and ArcObjects - Pierrssen Using Arcobjects In Python Pierrssen Consulting deal of functionality is only available through ArcObjects Using ArcObjects in Python - Pierrssen PYTHON\_ARCOBJECTS.ZIP (22K)-- Using ArcObjects in Python. 2010-08-17 - ArcMap and ArcCatalog snippets support running both inside the applications and in a standalone session. Because VBA support in ArcGIS is ending Page 5/25 Using Arcobjects In Python Pierrssen Consulting PYTHON\_ARCOBJECTS.ZIP (22K)- - Using ArcObjects in Python. 2010-08-17 - ArcMap and ArcCatalog snippets support running both inside the applications and in a standalone session. Because VBA support in ArcGIS is ending after version 10.0, VBA ArcObjects programmers are encouraged to migrate their scripts to other languages. Python - Pierrssen As people get comfortable with python and

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you can calculate the side of the polyline using a vector cross product  $\square$  You use the sign of the vector product for an indication of left/right. To generate a simplified vector of the polyline for this you will need the lastPoint of the polyline as well, which is easy enough to get from the shape properties. Solved: Find which side of a line a point is on - GeoNET ...Geoprocessing objects Geoprocessing objects Ready Ready- -to to- -use geoprocessing objects are use geoprocessing objects are available for Python through available for Python through arcgisscripting (9.3) and arcpy (10.0) arcgisscripting (9.3) and arcpy (10.0) At 9.3: additional functionality includes At 9.3: additional functionality includes data access objects such as cursors data access ...Using ArcObjects in Python - Mark Cederholm One of the best things about IronPython 2 is that it is based on Python 2.5 rather than 2.4. Amongst other goodies this means that the with statement is available. The with statement is the equivalent of C#'s using statement, although the Python context management protocol methods give a finer degree of control over exception handling. The with statement makes

resource initialization and clean ...IronPython URLs: 02/01/2009 - 03/01/2009 IronPython URLs is an aggregator for articles, news and links on IronPython and the Dynamic Language Runtime.   
  
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(10.0) At 9.3: additional functionality includes At 9.3: additional functionality includes data access objects such as cursors data access ...

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1. Create an IDL file defining the object and its interfaces
2. Compile with the MIDL compiler (part of the Windows SDK download) to produce a TLB file: midl DemoTool.idl
3. Implement the class and category registration in a Python module

4. Register the com object: python  
DemoTool.py -regserver.

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compilation required - just unzip and use Fast, easy setup: for many cases requires just a few lines of configuration code .

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And I need to do all this with ArcObjects and from a Python script tool in a toolbox. Here is what I do: I apply a raster function template to a raster layer in a given data frame (a map). I give the filename of the output raster dataset an ".afr" extension to ensure an in-memory temporary AFR file is generated.

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from comtypes.client import GetModule

>>> GetModule("c:/program

files/arcgis/desktop10.1/com/esriArcMapUI

.olb") TIP: If loading one or modules fails,

delete all files in the comtypes/gen folder

before trying again.]

*arcpy - Adding layer with ArcObjects from Python script ...*

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