



Esri International Developer Summit
Palm Springs, CA

Accessing C Type Libraries with Python Script Tools

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Slides/Demos/Code all online

- Code: <http://esriurl.com/ctypes2014>
- Everything: <http://esriurl.com/allctypes2014>

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We'll be building two script tools:

- One that calls a simple R script
- One that adds a field to a feature class and populates it with a value
- Two iterations of the add field tool

Act I: Making a Script Tool to Call a Command Line Utility

(Demo)

Act II: Making a Script Tool to Calculate Area

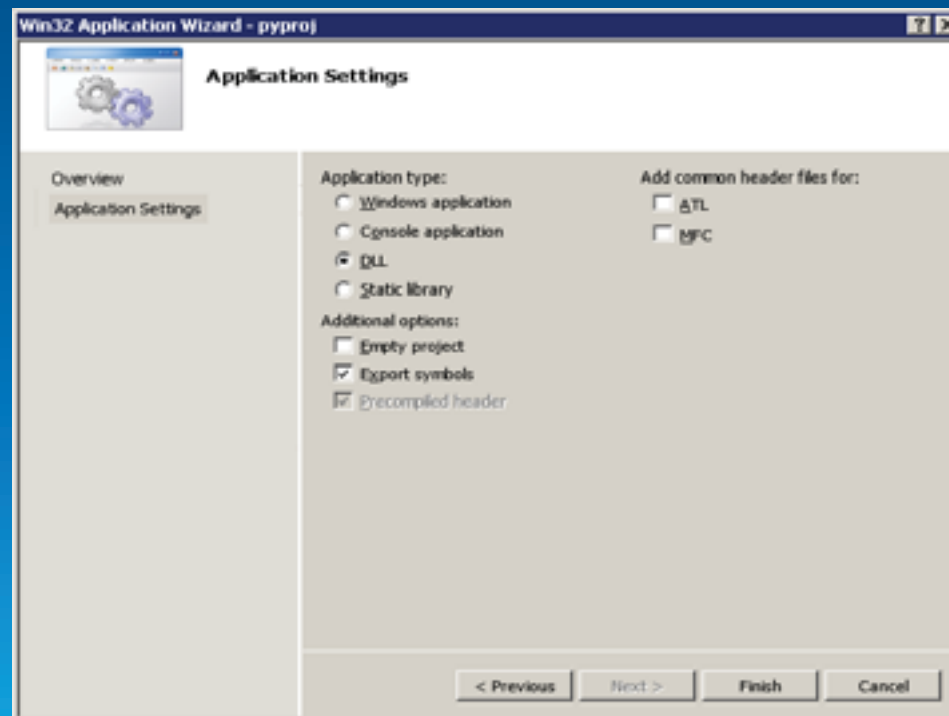
- Takes in a polygon feature class and a new field name
- Adds a double field
- Populates new field with polygon's area

Code Review (Act II)

(Demo)

Act III: Making it *Fast*

- We're going to start with the same code as before but now we're going to swap out the cursor part with C++



Code Review (Act III)

A Note on Debugging

(Demo)

Let's See How We Do

(Demo)



Understanding our world.