Subject: Re: integrating ESRI COM Objects Posted by chuggin_gug on Thu, 17 Apr 2003 14:54:14 GMT

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"Andreas Brunn" < Andreas. Brunn@tu-clausthal.de> wrote in message news:<b7lhk7\$tf9\$1@ariadne.rz.tu-clausthal.de>...

> Hi Listland.

>

- > this may not be an original IDL Problem, but Ii; ½m wondering if there are any
- > experiences in the range of the group readers integrating the ESRI
- > ArcObjects COM Objects in IDL.

>

- Integrating COM Objects in general seems not to be the problem, probably >
- > every object but the ESRI ones work fine, even the activeX controled ESRI
- > Objects work fine, only calling non-GUI COM objects using IDLcomIDispatch is
- > running in errors and the tech support seems to be clueless.

any help is greatly appreciated

best regards

> Andreas

Currently, very few useful ArcObjects expose the IDispatch interface. Check the arcobject model diagrams in the development kit directory tree: Dante had nothing on these guys. It is apparently extremely nontrivial to work around this. I wasted a fair, or more correctly unfair, chunk of time learning this and had to return to actually getting things done. On the bright side, I was forced to successfully implement DLMs with the ESRI GridIO API.

ArcGIS version 9 will ship with a reworked set of objects which expose IDispatch. I've seen sample code of hydrological analysis done in Python. This should, heh, ship this (northern) summer after being unveiled at the ESRI User Conference.

Cheers. k crowell