
Subject: Re: idl flythru
Posted by [Rick Towler](#) on Wed, 23 May 2007 16:26:31 GMT
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> Thanks for the support u had given to me. I am very new to IDL. Can u
> just guide me how to use these programs for my application.

Unfortunately I can't. Too busy right now...

First, just try to get the cull-n-fly program to run. Download and unzip everything into a single directory. This includes the .dlm and .dll files as well. Set this directory as your working directory (I do this by checking "Change Directory on Open" on the general preferences tab then opening the program I wish to run). Then run the program.

If it doesn't run, look closely at the errors. Most likely you'll be either missing procedures or you'll have a path problem.

> I am having Ikonos data and DEM of the same. I want to have flythru
> and control the path using keyboard controls.

You should be able to do this (relatively) easily.

At line 501 (in camdemo_di_cullnfly.pro, will be slightly different in the non-direct input version) you'll see the comment:

```
; Create something to look at...
```

All of the code from this point down to line 577 creates what you see when the application runs. You'll replace that with an IDLgrSurface object representing your DEM. You'll need to study the code a bit, specifically how things are added to the camera (view) and lighting.

Since your new to IDL, take baby steps. Before you write a fly-thru application, make sure you can simply create the IDLgrSurface model and display it. Use XOBJVIEW to display it. XOBJVIEW requires that your surface be placed in a model before display:

```
oSurface = OBJ_NEW('IDLgrSurface', demdata)  
oModel = OBJ_NEW('IDLgrModel')  
oModel -> Add, oSurface
```

```
XOBJVIEW, oModel, /BLOCK
```

```
OBJ_DESTROY, oModel
```

Once you can display the surface, then concentrate on adding it to the cullnfly application.

Start slowly. Make small changes and observe their effect. And work thru it step by step. And READ THE IDL DOCS. You can learn a lot!

-Rick
