
Subject: Connect STK and IDL ?

Posted by [salsathomson](#) on Mon, 08 Feb 2016 18:32:58 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi All

I am unsuccessfully attempting to connect STK (Systems Toolkit) and IDL using COM objects. I would like to be able to create a new scenario and objects within STK from IDL and then retrieve data from STK into IDL. It seems like this should be possible. Has anyone done this before ? Could you offer a few lines of IDL code that would demonstrate this ?

Thanks for any help.

Alan

Subject: Re: Connect STK and IDL ?

Posted by [salsathomson](#) on Wed, 17 Feb 2016 16:14:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

I made some progress on this with help from support@harris.com. Since there were a number of views I thought I should post what I was able to accomplish.

If you have the STK Integration license then you should be able to create a new STK scenario from within IDL using the following three lines of IDL code:

```
ObjRef = OBJ_NEW('IDLcomIDispatch$PROGID$STK10_application') ; STK object
ObjRef->GetProperty, Personality2 = root ; attach to STK
root.NewScenario, 'Demo' ; create new scenario
```

The next challenge will be figuring out the syntax to manipulate objects in STK and retrieve data

Alan
