
Subject: Re: Tag name IDLITCOMPONENT_TOP is undefined
Posted by [David Fanning](#) on Fri, 10 Oct 2003 15:05:57 GMT
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Oliver writes:

> Hi,
>
> could someone help me with this error message:
>
>> Tag name IDLITCOMPONENT_TOP is undefined
>
> In my source code I have an object 'A' which is
> subclassed from object 'B' which itself is subclassed
> from IDLgrRoi.
>
> The error sometimes occurs during a function call equivalent
> to:
>
> A->setProperty, color=2
>
> Could someone explain what happens here?

All IDL object components are subclassed from
an IDLgrComponent object. This object has
an IDLitComponent_Top field, as you can see here:

```
IDL> a = Obj_New('IDLitComponent')  
IDL> ok = Execute("struct = {" + Obj_Class(a) + "}")  
IDL> Help, struct
```

Your SetProperty method probably chains down to the
SetProperty method of the IDLitComponent object. At that
point, something goes wrong and IDL thinks you don't have
this field in the object. I can think of two reasons for
this:

1. There is a bug in someone's code (and probably not
yours). I lean toward this explanation only because
the keyword COLOR throws red flags for me. This is
something IDL likes to take control of itself, much
to my personal displeasure.
2. Your object is linking to an object library that
is not completely up to date. I'd make sure all
your paths are pointing to the most recent IDL
object library.

There are probably other reasons as well, but the economy of your error message precludes too much speculation. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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Subject: Re: Tag name IDLITCOMPONENT_TOP is undefined

Posted by [justspam03](#) on Mon, 13 Oct 2003 10:40:03 GMT

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Hi David,

thanks for your answer.

Neither object 'A' nor object 'B' contain a setProperty method. Since the color attribute is standard to IDLgrRoi [where 'A' is subclass to 'B' which is subclass to 'IDLgrRoi'] I would expect IDLgrRoi to take care of the method call. Seems it doesn't.

Well, I do some loading and saving of objects around the part where the quoted error happens, and for internal reasons, I have to delete some objects from the tree. Although the deleted objects should have no concern with the hierarchy at which base IDLitComponent stands, something may go wrong here. As a consequence I'll use my own saving routine (and file format) - hope that helps.

(on some other occasion I also found that IDL may miss the compilation of some user defined objects when subclassed over several levels - so my trust in IDL's handling of object hierarchies is a bit shattered anyway :)

Thanks in any case

Cheers

Oliver

[used my real e-mail address when first signing up with goole groups - now I'm now flooded with spam. Grrr. Stupid me.]
