
Subject: Subclassing from IDLitTool ??

Posted by [Antonio Santiago](#) on Wed, 01 Sep 2004 13:24:25 GMT

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

Hi,

i'm starting with iTools and i try this example:

```
*****
*****
```

FILE: iprobe__define.pro

```
;Init method
```

```
FUNCTION iprobe::Init
```

```
IF ( self -> IDLitToolbase::Init(_EXTRA = _extra) EQ 0) THEN $
  RETURN, 0
```

```
RETURN, 1
```

```
END
```

```
;Define object struct
```

```
PRO iprobe__Define
```

```
struct = { iprobe, $
```

```
  INHERITS IDLitToolbase $ ; Provides iTool interface
```

```
}
```

```
END
```

```
;-----
```

```
*****
*****
```

FILE: iprobe.pro

```
PRO iprobe
```

```
ITREGISTER, "Example iTool", "iprobe"
```

```
identifier = IDLITSYS_CREATEETOOL("Example iTool")
```

```
END
```

all is fine. A new iTool component is created (empty but ok) with all standard functionality.

The "iTool Developer's Guide" say that if i want an iTool without standar functionality i need to subclassing from IDLitTool. I try it

replacing "IDLitToolbase" to "IDLitTool" in file iprobe__define.pro.

The result is an error (in a dialog window) like:

"A system error was... bla, bla, bla"

"The value of this error was:"

"Object reference type required in this context"

What do i need to do to subclassing from IDLitTool?

Thanks.

Subject: Re: Subclassing from IDLitTool ??

Posted by [David Fanning](#) on Thu, 02 Sep 2004 02:37:01 GMT

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

Christopher Lee writes:

> I put the following code in a fresh file, compile the file, and then run the
> IPROBE procedure, it works first time. You can even take out the 'file'
> menu item. It still works for me. I'm not sure it's a bug, but you need
> at least one manipulator/tool to start the iTool.

Humm. I take your code. Start up a completely fresh
IDL session (IDL 6.1, Windows). Run your code, and
get the same "Unknown system error" message.

>

> If that doesn't work, but the IDLitToolbase version works. Have a look
> at the IDLitToolbase source. Strip the menus out of there until your left
> with the minimum that will compile :)

Yeah, when I have a couple of extra days. :-)

> As you said, this isn't possible with the information given in the
> documentation.

I've heard of people outside of RSI who *are*
writing iTool programs, but they seem to be creating
their own help files and documentation as they go.
Maybe they will share it with RSI when they are
finished. :-)

Cheers,

David

--

