
Subject: Re: Properties

Posted by [David Fanning](#) on Fri, 12 Dec 2003 22:07:31 GMT

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JD Smith writes:

```
> OK, I'm trying to hijack the new Properties capabilities of iTools for
> my own devious purposes, and I've managed whip up this test:
>
> pro TestProps::Config
>   b=widget_base(/COLUMN)
>   ; Create and initialize the component.
>   p=widget_propertySheet(b,VALUE=self)
>   widget_control,b,SET_UVALUE=self,/REALIZE
>   XManager,'TestPropsPropertySheet',b,/NO_BLOCK
> end
>
> function TestProps::Init
>   if self->IDLitComponent::Init(NAME='TestProps') eq 0 then return,0
>   self->RegisterProperty,'MY_FIRST_PROPERTY',/BOOLEAN, $
>       NAME='Propertus Incipiens'
>   return,1
> end
>
> pro TestProps__define
>   st={TestProps, $
>       INHERITS IDLitComponent, $
>       data:0}
> end
>
> Sadly enough, here's what happens:
>
> IDL> a=obj_new('testprops')
> IDL> a->Config
> % Keyword MY_FIRST_PROPERTY not allowed in call to: WIDGET_PROPERTYSHEET
> % Execution halted at: TESTPROPS::CONFIG   5
>   /home/jdsmith/idl/irs_cubism/cubism/cube/testprops__define.p ro
> %                               $MAIN$
>
> I'm really not sure how a property ID is getting transformed into a
> keyword in this call... sounds like some internal _EXTRA hi-jinx to
> me. What ingredient am I missing?
```

What you are missing are GetProperty and SetProperty methods that allow use of the keyword MY_FIRST_PROPERTY. Add those, and you will be in business! :-)

These are required because this is how IDLitComponent can

get and set values, as needed.

Cheers,

David

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