Subject: IDLitComponent - Introspection
Posted by Robert Barnett on Wed, 11 May 2005 03:40:36 GMT

Hi,

I've been trying to write my own classes which incorporate IDLitComponent and
widget_propertysheet. This allows the user to tinker with object properties via a GUI,

I'm very confused by IDLitComponent::GetPropertyByIdentifier. The method allows you to do a
"ClassName::GetProperty, Name=Value",
however "Name" is only known at runtime.

For example

obj -> GetPropertyByIdentifier("BoringProperty", empty_variable)

somehow triggers

obj -> GetProperty, BORINGPROPERTY=empty_variable

This is something that I would very much like to do with my own classes without having to inherit
IDLitComponent.

To be more precise, does anyone know how IDLitComponent::GetPropertyByIdentifier tricks the
arg_present()
function into thinking that a keyword needs to be set?

P.S. I'm assuming that my class doesn't necessarily implement the ALL keyword and also
assuming that I don't use the EXECUTE function.

Cheers,
 Robbie

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nrb@ Robbie Barnett
imag Research Assistant
wsahs Nuclear Medicine & Ultrasound
nsw Westmead Hospital
gov Sydney Australia
au +61 2 9845 7223