Subject: Re: Event generation by object.
Posted by davidf on Wed, 10 Nov 1999 08:00:00 GMT

Erik (ehummel@best.ms.philips.com) writes:

> Suppose an objectData which contains some data. Another objectOther is
> interested in this objectData.
> I like to have the following situation:
> The data of objectData is modified. This objectData generates an event
> on this modification. The event
> can be received by objectOther if this objectOther has subscribed on
> notifications of objectData.
> Both these objects don't have widgets.
> Question: is there an event mechanism in IDL which makes this possible?

If by "subscribed" you mean it was given an object reference
and the name of a method to call, then yes, you can do
it like this, where "newdata" is any arbitrary parameter
or parameters accepted by the method:

    IF Obj_Valid(objReference) THEN $
 Call_Method, objReference, objMethod, newdata

For some reason I can't find Call_Method in the
documentation (at least by going through the Index
of the On-Line help), but I know it is there and
that it works because I use it a lot. :-)

Cheers,

David

P.S. See the NotifyObj keyword in my XCOLORS program if
you want an example of how an object "subscribes" for
notification.

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