Subject: OcxConnectionPointContainer
Posted by mrmodolo on Tue, 22 Aug 2006 13:51:11 GMT
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Hi in manual I found a example:

class MyViewOcx
: public OcxControl // handles OCX control client functionality
, public DispatchInterface<IMyView> // custom control's interface
, public OcxConnectionPointContainer // needed only for callback (aka event) interface

I make a ocx control and put It in VisualBasic express edition, I like to add a Event, I update the idl file:

```
 dispinterface _ICalculadoraOCX_Events
 {
  properties:
  methods:
  [id(1), helpstring("Evento Resultado")]
  HRESULT OnResultado();
 };
```

with dispinterface now I can see in VB the event. But I do not know how can I fire the event from UPP ocx control

thanks,

Subject: Re: OcxConnectionPointContainer
Posted by rylek on Tue, 22 Aug 2006 21:36:27 GMT
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Hello!

It's a little tricky but manageable. First, you have to derive your object from OcxConnectionPointContainer and create a member variable, say "events" (probably an IRef) to hold the pointer to your event interface, possibly even multiple variables if you intend to support multiple outgoing interfaces. Then, perhaps in the object constructor, use:

```
 events = new OcxObjectWrapper<OcxConnectionPoint>();
 events->SetEventGUID(__uuidof(<your event interface>));
 AddConnectionPoint(~events);
```

(AddConnectionPoint is a method of the OcxConnectionPointContainer interface). After that, you can use the method FireEvent of the OcxConnectionPoint interface:

```
 void FireEvent(int method_id, const Vector<Value>& values);
```

To fire IUnknown / IDispatch values, use the DispatchToValue / UnknownToValue global functions

(declared in Ole/Ole.h).

Please note this is thin ice; if you run into any trouble, please feel free to pester us until we fix it.

Regards

Tomas
