

Re: Two Webcam in a graph

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.directx.video/2005-06/msg00>

- *From:* "The March Hare [MVP]" <phil@xxxxxxxxx>
 - *Date:* Fri, 17 Jun 2005 08:04:52 -0600
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On Fri, 17 Jun 2005 01:07:08 -0700, Pierre wrote:

> Hi, i'm putting two webcam in a graph for make stereoscopic image.
> I use the sub graph method :
>
> Cam 1 - Grabber1 - PGraph->Render(Grabber1 Out pin)
> Cam 2 - Grabber2 - PGraph->Render(Grabber2 Out pin)
>
> I have a problem, with the video window, I put video window to false but one
> video window (of the 2 cam) stay active.
> I do :
> CComPtr< IVideoWindow > pVideoWindow ;
> hr = pGraph->QueryInterface(IID_IVideoWindow,(void**)&pVideoWindow);
> if (pVideoWindow)
> hr = pVideoWindow->put_AutoShow(OAFALSE);
>
> I thinks this method put the video window to false for only one video
> renderer.
> Only one active movie window is always run.
>
> I want to put the two window to false.
> How i can access at each camera's pwindow (renderer) and put their autoshow
> to false.

>From the docs:

"In most cases, an application should query the Filter Graph Manager for this interface, and not call the filter directly, because of the messaging issue just described. However, if the filter graph has more than one Video Renderer, the Filter Graph Manager only communicates with one of them, selected arbitrarily. Therefore, if your application uses multiple video windows, use the IVideoWindow interface directly on the filters. In that case, you must forward window messages to each Video Renderer instance, using the IVideoWindow::NotifyOwnerMessage method."

So you need to QI on each video renderer filter, not on the FGM.

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Please read this before replying:

1. Dshow & posting help: <http://tmhare.mvps.org/help.htm>
2. Trim & respond inline (please don't top post or snip everything)
3. Benefit others: follow up if you are helped or you found a solution

- *Follow-Ups:*

- ◆ **Re: Two Webcam in a graph**
◇ From: Pierre

- *References:*

- ◆ **Two Webcam in a graph**
◇ From: Pierre

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