

Re: Making IE and a standalone Java application communicate...

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Igor,

Thanks very much for the response.

>> 1. Is it possible to write an ActiveX control to be embedded in a web
>> page so that when an URL link is clicked in this web page, the
>> ActiveX control can be notified of the click and get the clicked URL
>> string?
> Yes it is possible.

Please verify if this is the correct approach.

1. Write a GUI-less ActiveX control.
2. Embed this control in a web page.
3. In the initialization code of the ActiveX control, it can register itself as a listener of the *currently run IE instance*.
4. When a URL link is clicked in this instance of IE, the ActiveX control will be notified.

>
>> 2. If the above is possible, can this ActiveX control in turn send
>> the intercepted URL string to an external application, in this case,
>> a Java application? When the Java application is started, is it
>> possible to find and connect to the ActiveX control so that it can
>> register itself as a listener?
>
> Should be possible, but note that I don't know much about Java and
> interprocess communication mechanisms it might support.

There are Java to COM mechanism available that can let Java call COM and let Java receive events from COM. One thing I am not sure is that given the above ActiveX control, how can Java *find and connect* to it and register as an event listener. In other words, is there an OS mechanism for a process to find and connect to a running COM server?

Patrick Ma