Subject: Re: timers without widgets
Posted by Craig Markwardt on Sat, 23 Apr 2005 15:03:27 GMT

Benjamin Hornberger <benjamin.hornberger@stonybrook.edu> writes:

> Rick Towler wrote:
>> I understand that 95% of events are generated by a GUI but it would
>> be nice to have some sort of mechanism to handle the other 5%.
>> Timers and socket I/O come to mind.
>
> Socket I/O is exactly our problem. We use a timer to continuously
> (actually frequently rather than continuously) read from a socket to
> implement a listening socket. But there are many problems with that,
> like IDL not reacting while it tries to read (looks like crashed).

Can't you set READ_TIMEOUT and WRITE_TIMEOUT to some very small
number? (perhaps even zero?)

It's a pity that IDL doesn't have a select() function for I/O
multiplexing, but using a small timeout value should at least allow
you to poll for data.

Craig

>
> I guess IDL is just made for data analysis and not instrument control
> which involves interaction with device drivers and the OS on a deeper
> level :-(.
>
> Benjamin
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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
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