
Subject: Re: continuous update of plot
Posted by [David Foster](#) on Tue, 03 Jun 1997 07:00:00 GMT
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Tim Patterson wrote:

>
> A quick test is to use the spawn command to list the file,
> save the returned data, and then next time around the loop, you can do
> the same and see if the returned string has changed.
>
>

>>
>> Hello,
>>
>> suppose I have a simulation that every so often writes out a 2d array.
>> Is there a way for idl to detect that the file has changed, and
>> replot or display the new data?
>> This would be under unix (digital and/or sparc) with the data
>> being produced by fortran.
>>

If you do not want to have to be in a loop when the plot gets updated, you could do what Tim suggests but use timer events so that the file is "polled" every N seconds, and the plot updated accordingly. This way, you could have the plot updated while you are doing other useful things with your program.

dave

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"I have this theory that if we're told we're bad,
then that's the only idea we'll ever have.
But maybe if we are surrounded in beauty,
someday we will become what we see." - Jewel Kilcher
