Subject: Re: continuous update of plot
Posted by R. Bauer on Wed, 04 Jun 1997 07:00:00 GMT

=C3=E9=FE=F1=E3=EF=F2 =C2=E5=F4=EF=FD=EB=E7=F2 wrote:

> =

> 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.
> =

> I suppose that even a delay loop would serve, in the sense that
> it would redisplay the file every, say, 10 sec irrespectively of
> whether it changed or not. But this sounds wasteful.
> =

> Any ideas?
> =

Yes,

I think you can use fstat or spawn,'ls',result to detect if the file is
new.
If it is new you can use:

  resolve_routine,'plscript' =

  a =3D execute('plscript') =

resolve_routine will compile the procedure plscript and the following
function will execute it.

plscript will be the routine which reads the data and will produce the
plot.

R.Bauer

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R.Bauer =

Institut fuer Stratosphaerische Chemie (ICG-1)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de