
Subject: Re: continuous update of plot
Posted by [rivers](#) on Wed, 04 Jun 1997 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <slrn5p63uq.q12.vetoulis@dyson.umd.edu>, vetoulis@dyson.umd.edu

> 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.
>

The simplest way is to just spawn 'ls -l filename' periodically to see if the file has changed.

```
IDL> spawn, 'ls -l chart1.ps', result
IDL> print, result
-rw-r--r-- 1 epics  epics  163527 Jan 11 12:29 chart1.ps
IDL> print, strmid(result, 41, 12)
Jan 11 12:29
```

Mark Rivers	(773) 702-2279 (office)
CARS	(773) 702-9951 (secretary)
Univ. of Chicago	(773) 702-5454 (FAX)
5640 S. Ellis Ave.	(708) 922-0499 (home)
Chicago, IL 60637	rivers@cars.uchicago.edu (e-mail)

or:

Argonne National Laboratory	(630) 252-0422 (office)
Building 434A	(630) 252-0405 (lab)
9700 South Cass Avenue	(630) 252-1713 (beamline)
Argonne, IL 60439	(630) 252-0443 (FAX)
