
Subject: Re: Scrolling data to display window

Posted by [David Foster](#) on Thu, 13 Aug 1998 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Paul wrote:

>
> What I want to do is to display the current 1D array as a magnitude
> intensity 'strip' on screen and create a rolling display window.
> Each data set consists of 256 samples of magnitude (values +/- 100 max)
>
> My first guess is to create a 2D array data magnitude & time, update this
> array and for each 'tick' interval
> re-display the whole array. This works, but I feel its an unnecessary waste
> of CPU, memory etc.
>

One possible solution which comes to mind would be to create an initial 2D array with this initial data, and then at each "tick" interval you could use SHIFT() to shift the array to the left, then insert the new data on the right, and then replot. This should be pretty fast, and you can always make the time resolution something the user can adjust.

Dave

--

~~~~~  
David S. Foster      Univ. of California, San Diego  
Programmer/Analyst   Brain Image Analysis Laboratory  
foster@bial1.ucsd.edu   Department of Psychiatry  
(619) 622-5892      8950 Via La Jolla Drive, Suite 2240  
                         La Jolla, CA 92037  
~~~~~