Subject: Updated Display
Posted by Pavel A. Romashkin on Wed, 13 Nov 2002 00:19:48 GMT

Hello,
For those using Display (I know there are a few brave souls out there
judjing by those couple dozen downloads), there is an update available.
Aside from bug fixes, the update includes two new main keywords:
ALL - applying properties such as LINK or ROI_COLOR to all of the
displayed DISPLAYs,
MP_FIT - for fitting one of the named displayed plots with a function of
your choice using MPFIT library, available from Craig's site. The fit
plot appears in DISPLAY window together with the original data, and can
be saved, printed, etc. Resulting fit coefficents are exported as a
keyword parameter.
Syntax is provided in the header, and I will be updating the html web
page... soon.
http://www.ainaco.com/idl/idl_library/display.pro
Hope this is useful.
Thank you,
Pavel

Subject: Re: Updated Display
Posted by Pavel A. Romashkin on Fri, 15 Nov 2002 18:19:35 GMT

Ok, I have added another keyword:

WIPE - used with a ROI to delete points from a displayed plot. Execute
as follows:

```
IDL> display, findgen(100), sin(findgen(100)/10.)+randomu(1,100)/5, $
 psym=4, linestyle=6, link=-1, name='ONE'
```

; WIPE will only work if LINK is < 0 - safety feature.
; Now, use mid mouse button to surround a bunch of points in the window.
; Then, type:

```
IDL> display, /over, /wipe, name='Linked ONE'
```

and watch the points disappear :-)
Cheers,
Pavel
P.S. The observant ones will of course realize that once I have fitting
ability, it appeared that when I have all points displayed, the fits
looked bad, so WIPE is an easy way to leave only those points in that
produce a "correct" fit. This is of course NOT "massaging" the data :-)