
Subject: ION Script Windowing Issues

Posted by [James Adams](#) on Wed, 05 Dec 2001 00:48:53 GMT

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Hello,

I currently have an ION Script application set up so that if you click on a point within one ION data plot/image then a second window is opened with a plot of the data at the lat/lon location closest to where the user clicked in the first data plot/image. I'm pulling this off by having an event declared on the first page which calls an ION Script that makes the plot of the clicked location, and this comes up in a new window by virtue of the fact that the first image is part of an ION_FORM with "_blank" as the target.

The first ION Script page has the following which is affecting the second page to pop up in a new window:

```
<EVENTS>
  <EVENT_DECL NAME="PROFILE" ACTION="ion://ProfileView.ion" />
</EVENTS>

....

<ION_FORM TARGET="_blank">
  <ION_IMAGE NAME="Test" EVENT="PROFILE" TYPE="DIRECT" WIDTH="600"
HEIGHT="400">
    <IDL> ... </IDL>
  </ION_IMAGE>
</ION_FORM>
```

Now this is working well and I am wondering if I can take it to the next level by modifying the windowing behavior in order to make the application easier to use. What I have in place now gives me a new window which is as large as the original, when in fact I want a window which is about 1/4 the size. I would like for the new window to appear without the buttons, menus or location bar, but as it is I am getting the ION Script page in a normal browser window. I guess what I want is something like a Javascript window which pops up with just a border, title and the min/max/close buttons. And last but not least I want the second window to be updated with a new plot of data in the case when the first image is again clicked into with the mouse.

The typical use of the site will be that the user selects the data to view and the first image will appear. Then the user will be clicking at any number of points within the first image in order to see plots of the data at the points clicked. The user is likely to click in the first

image many times to look at individual data plots. With this in mind I guess you can understand that it is currently difficult to use the application because so many new windows are being popped up and because they are so big and take up too much real estate. Ideally I want the user to be able to click in the first image and have a small window, sans buttons and toolbars, appear to the side with a data plot of the point just clicked in the original image. If the user selects another location, i.e. clicks someplace else in the original image, then I want the second window to stay in place and update its image with the data from the location of the most recent click. So it should be as if we set up a second window on the first click event in the original image and continue to use it for drawing the data plots triggered by each subsequent mouse click event in the original image.

You can see what we have in place currently at the following URL:

<http://dataserver.acd.ucar.edu:8080/dataview/DataCenterFrame set.jsp>

Select Level 2 MOPPIT Data, Interactive Single Day Profiles, then select a date with data available, try "03/15/2000" (I'm working on making the calendar show which days have data and which don't, it's not obvious to the user yet), and once the original image appears you can click into it to see the data closest to the point that you just clicked.

I hope I've been able to explain what it is I'm after without being too confusing. Any suggestions will be most appreciated, thanks in advance...

-James
