
Subject: Re: itools (mouse) events

Posted by [sjwelch](#) on Thu, 13 Mar 2008 05:13:55 GMT

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On Mar 5, 5:11 pm, Michael Galloy <mgal...@gmail.com> wrote:

> sjwelch wrote:

>> I'm using iplot to construct a 2D scatter plot. What I want to do is
>> register a listener of some sort for mouse events such that when the
>> user clicks on a point in the plot, the coordinates of that point are
>> returned.

>

>> I've just spent an hour or so pouring through theitoolscod, looking
>> at the messaging system and I just can't (quickly at least) figure out
>> where to start. To which component do I add the observer (tool,
>> dataspace, view, plot)? Do I need to register my observer class
>> somewhere? I know there are a few readers withitoolscoding
>> experience, any ideas?

>

>> My experience is that it's very easy to get new stuff intoitools
>> (inserting visualisations, etc) I hoped it would be as easy to get
>> stuff out, and it probably is if you know how.

>

> You want to write manipulator. Check out the "Creating a Manipulator"
> section in the Contents > Programmer's Guides > iToolsProgramming in
> the IDL help.

>

> http://idlastro.gsfc.nasa.gov/idl_html_help/Creating_a_Manipulator.html

>

> I would recommend trying the example manipulator in the manual, the
> color table manipulator. I would say this is one of the trickier parts
> of the documentediToolsinterface (and let's hope you can do what you
> want with the documented interface).

>

> Mike

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Thanks Mike,

That was exactly what I needed! Got it doing what I wanted, much appreciated.
