
Subject: A couple of iTools queries

Posted by [James Everton](#) on Fri, 20 Jan 2006 19:55:59 GMT

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Hi everybody,

Here I am, yet again, asking for a little bit of help from you smart experts out there. I'm sure some of you may have read my previous posts, but if you haven't, I'm currently making a specialized ilmage/iSurface tool that has UI Panels created that contain thumbnail images. When you click on one of the thumbnails, the associated larger image is brought into the main view. Here's are some of the problems I'm dealing with now:

#1:

I'm having some problems with the iTools data manager when I make my tool. Every time I make an instance of my tool, where I create my parameter set and send it to the iTools registry, the parameter set gets loaded in, but each consecutive call creates a new parameter set with _1, _2, _3, etc. at the end of it. In my panel event handler, I get a hold of the parameter set by using

FindIdentifiers('*My_Parameters*', /DATA_MANAGER)
but how will I know which parameter set to use if there are multiple parameter sets that have 'My_Parameters' in it?

As a temporary fix, I run ITRESET with the /NO_PROMPT keyword to clear the data manager, but I would like to find a nice way to run multiple instances that contain different parameters.

#2:

The most recent tweak that I've been asked to implement is to utilize iTool's window-layout function and optionally have 4 graphics views with different data contained in each. What they ultimately want to happen is to be able to click on an image in panel_a and have one large image open up in a single view, then if they click on an image in panel_b, have 4 large images open up in 4 separate views, in the same iTool window.

There is a VIEW_GRID keyword to the ilmage procedure that can be set to a 2-element vector of the form [column, vector] and this can create the proper number of graphics views, but it opens up in an entirely new ilmage tool. One idea someone came up with was to always have four views created, but to minimize three of them in some way so that you can only see a single view when you need it. I have yet to find out a way to implement this idea either, but I'm sure you all have a few tricks up your sleeves that I would love to hear about. :o)

#3:

Panel-diff-itools

The last big problem I'm having also has to do with opening up different instances of iTools. As you know, I use ITREGISTER to register my panels with the iTools system, then create my iTool from the procedure, then go about my business. However, if someone wanted to close that, go back to the command, then open up ilmage, they would still have all my panels in their new iTool. I need to figure out a way so that after my iTool is created, I delete the panels from the iTools registry so new instances of iTools don't have my panels in them.

I thank you very much for having at least read through this post. If you can provide any help whatsoever on any or all of these problems, I will very much appreciate it.

Thanks,

- James
