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Subject: About iTools

Posted by [Antonio Santiago](#) on Tue, 21 Feb 2006 12:04:22 GMT

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Hi group,

last friday I started to see the iTools developer guide. iTools seems to be a great framework, concepts like data, visualizares, the message system, etc.

The first question is:

- Why iTools are so slowly?

When I work on 'image' tool for a while with an 1500x1500 image data it becomes infernal work with it.

Is it problem of undo/redo options (on how the data are cached).

Also I made a little example from IDLitToolbase class. I remove some lines of code (some operations) and register a new little operation Resample (modified of the original IDLitopResample operation).

I have registered this operation with REVERSIBLE\_OPERATION=0 but when I apply this on a data it continues appearing into the Edit/Undo operation.

Thansk in advice for all ideas and sugestions.

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Subject: Re: About iTools

Posted by [Michael Galloy](#) on Sat, 01 Apr 2006 00:28:16 GMT

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Antonio Santiago wrote:

> Also I made a little example from IDLitToolbase class. I remove some  
> lines of code (some operations) and register a new little operation  
> Resample (modified of the original IDLitopResample operation).

>

> I have registered this operation with REVERSIBLE\_OPERATION=0 but when I

> apply this on a data it continues appearing into the Edit/Undo operation.

Not sure if you're still working on this, but if not maybe it will help the "next guy."

REVERSIBLE\_OPERATION is not doing what you think it's doing. Undo/redo is automatic (one way or another) for all IDLitDataOperation operations. If REVERSIBLE\_OPERATION=1, then previous data will not be cached because undo'ing will call the undoExecute method of the operation to be called. If REVERSIBLE\_OPERATION=0 then previous data will be cached because that is the only way to provide undo.

But I'm not sure if this is what's causing your speed problem. The itools haven't exactly been speedy for me. Though there were some performance enhancements that affect iimage in IDL 6.2, I'm not sure they would help either.

-Mike

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