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Subject: IDL save files with programs and files  
Posted by [robert.dimeo](#) on Wed, 07 Nov 2001 18:02:21 GMT  
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Hi,

How can I create a save file that consists of resolved routines, one of which requires a .PNG file? Ultimately I want to create a run-time version of the program so I'm not sure if Craig Markwardt's CMSVLIB routines would be applicable.

Thanks,

Rob Dimeo

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Subject: Re: IDL save files with programs and files  
Posted by [Rick Towler](#) on Thu, 08 Nov 2001 23:03:48 GMT  
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Wow, I need to check out Craig's CMSAVE routine. It might have saved me some work...

I just wrote a program a few weeks back that converts a 24 bit .PNG file to an IDL .pro file to get around the inability to save data and routines together in one save file. You call the function and it returns an array containing the image. I have only used this on a relatively small image (maybe 120x120) so I have no idea what the upper bound would be. I am sure there are a load of issues when doing something like this but it worked great for a little image in the "About" dialog and it didn't impact application performance.

Craig's approach would be much cleaner but you are welcome to the code.

-Rick

"Rob Dimeo" <[robert.dimeo@nist.gov](mailto:robert.dimeo@nist.gov)> wrote in message  
[news:cb539436.0111071002.3618679e@posting.google.com](mailto:news:cb539436.0111071002.3618679e@posting.google.com)...

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>

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> Thanks,

>

> Rob Dimeo

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Subject: Re: IDL save files with programs and files  
Posted by [robert.dimeo](#) on Fri, 09 Nov 2001 14:00:53 GMT  
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Hi Rick,

Craig pointed out an important issue when he asked once you have the image file appended to the save file with the resolved routines, how do you actually read it into a procedure from the main level where it is restored?

I think I can see how your routine would work for what I need though. We are including a PNG image in the splash screen of a widget application (this program will be distributed as a runtime program with an embedded IDL license). I think that I can just use `notify_realize` keyword when I realize the top-level base of the program to get the PNG data (that has been converted using your routine).

I'd like to give it a shot if you could send me your code or post it here.

Thanks,

Rob

"Rick Towler" <[rtowler@u.washington.edu](mailto:rtowler@u.washington.edu)> wrote in message [news:<9sf31r\\$2aee\\$1@nntp6.u.washington.edu>](mailto:news:<9sf31r$2aee$1@nntp6.u.washington.edu>)...

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Subject: Re: IDL save files with programs and files  
Posted by [Rick Towler](#) on Fri, 09 Nov 2001 17:37:19 GMT  
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I'll send it to you.... It is a real hack and I don't need to embarrass myself ;)

But, anyone is welcome to it if they ask.

-Rick

"Rob Dimeo" <robert.dimeo@nist.gov> wrote in message  
news:cb539436.0111090600.6c92c854@posting.google.com...  
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