
Subject: Re: How to create a sav file for a system based on catalyst

Posted by [Jie Zhou](#) on Fri, 07 Mar 2014 08:46:24 GMT

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On Monday, March 3, 2014 5:21:17 PM UTC+1, Phillip Bitzer wrote:

> On Monday, March 3, 2014 7:14:28 AM UTC-6, David Fanning wrote:

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>> Yes, objects are always a problem. I always say that Resolve_All

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>

>> resolves "almost all" routines, but it ignores objects. (I know about

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>

>> the CLASS keyword, but in practice that seldom helps me.)

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>

> Hmm. I find quite the opposite - class _does_ help me - although I'm not maintaining projects quite as extensive as yours.

>

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>

> To build my applications, I have a "make" file that I run (as a script) in a fresh session of IDL.

>

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> All (actually, most) of the routines are in one folder, so the make file starts with this:

>

>

>

> files = FILE_SEARCH('path_to_dir/*.pro')

>

> FOR i=0, N_ELEMENTS(files)-1 DO RESOLVE_ROUTINE, FILE_BASENAME(files[i], '.pro'),
/EITHER

>

>

>

> There are some routines not picked up by this, including my generic object handlers (s/o to Mike Galloy), so I also have things like:

>

```
> RESOLVE_ROUTINE, 'pmb_object_event_handler'
>
> RESOLVE_ROUTINE, 'pmb_object_cleanup'
>
>
>
> Finally, like David said, objects (and structure definitions) are not picked up by
RESOLVE_ROUTINE, so I have to include things like this too:
>
> RESOLVE_ALL, CLASS='cgCmdWindow', /CONTINUE
>
>
>
> Finally, I have the line:
>
> SAVE, /ROUTINES, filename=save_filename
>
>
>
> It's not quite as easy as the "Build Project," and it takes a little hand holding (when I add a new
object, I have to remember to put it in the make file), but I find it gives me more flexibility and,
more importantly, it works.
```

That's similar as my solution!
thanks.
