
Subject: Re: cannot run .sav file
Posted by [Craig Markwardt](#) on Wed, 20 Oct 1999 07:00:00 GMT
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lsyrkin@yahoo.com writes:

```
>
> Hi,
>
> I need to save a widget program as .sav file to make it run on the same UNIX
> machine from cmdtool and on another one under run-time IDL licence. This
> program works fine if I start it from IDLDE. To save the program I do the
> next:
>
> 1. Open IDLDE.
> 2. Open a program Xelm.pro that is used by main widget program DisplXe.pro.
> 3. Open DisplXe.pro.
> 4. Compile All.
> 5. Save, /Routines, Filename='Xe.sav'
> 6. Close IDLDE.
> 7. Change mode for Xe.sav for execute.
> 8. Start Xe.sav from UNIX prompt.
>
> It does not start and gives the next lines: $ ./Xe.sav ./Xe.sav: SR^D: not
> found ./Xe.sav: ^DH^XTue: not found ./Xe.sav:
> ^E^Esparc^Esunos^C5.2^L^_ ^H^GDISPLXE^M4!^B^R!: not found ./Xe.sav:
> IMCOLORSID!^K^FSAVEID^F^L^FOPENID^D^M^FQUITID^^^N^FVIEWID^U^
O^KVIEW_COPYID[^
> ... garbage excised
```

I think you are trying to run the IDL SAVE files like an executable program. It is not executable! The garbage you are seeing is the Unix shell trying to interpret the binary data as shell commands. I think you will still have to make a small script which loads the SAVE file and runs the right start-up function. You could do something like this:

```
-----
#!/bin/sh
idl << EOF
path = '/home/leonid/'
restore, path+'Xe.sav'
leonid_main
exit
EOF
-----
```

You will have to make this executable, be sure the path is correct, and define leonid_main to start whatever programs you want to start.

The comments by R. Bauer about resolving all of the routines are probably appropriate too.

Craig

--

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: cannot run .sav file
Posted by [R.Bauer](#) on Wed, 20 Oct 1999 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

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> 6. Close IDLDE.
> 7. Change mode for Xe.sav for execute.
> 8. Start Xe.sav from UNIX prompt.

You missed resolve_all.

Note RESOLVE_ALL does not resolve procedures or functions that are called via CALL_PROCEDURE, CALL_FUNCTION, or EXECUTE. Class methods are not resolved either.

Similarly, RESOLVE_ALL does not resolve widget event handler procedures based on a call to the widget routine that uses the event handler. In general, it is best to include the event handling routine in the same program file as the widget creation routine; building widget programs in this way ensures that RESOLVE_ALL will "catch" the event handler for a widget application.

You should run once the widget and normally you should have defined all your

event_handlers in the routine where you defined your widget.

R.Bauer
