
Subject: Re: path to .sav file

Posted by [Douglas G. Dirks](#) on Mon, 23 Oct 2006 16:06:58 GMT

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Ben Tupper wrote:

> greg michael wrote:

>> I'm sure there must be any easy answer to this, but I can't figure it

>> out...

>>

>> If a VM program is run with something like:

>>

>> idl -vm=...path.../myprog.sav

>>

>> how can I get that path from within the program?

>>

>> Greg

>>

> Hello,

>

> I think you want something like Jim Pendleton's SOURCEPATH.pro which you

> can find at <http://www.itvis.com/codebank>

>

> Ben

ROUTINE_INFO will give you the path to the source of any compiled routine, provided you know its name, and it works all the way back to IDL 5.0:

```
routinepath = ROUTINE_INFO('myprog', /SOURCE)
```

(assuming that myprog.sav has a main routine called 'myprog'...)

Add in FILE_DIRNAME (IDL 6.0 or later) and you've got what you want, I think:

```
routinedir = FILE_DIRNAME(routinepath.path)
```

You can use the MARK_DIRECTORY keyword to FILE_DIRNAME to get a trailing directory separator.

Nothing against SOURCEPATH or PROGRAMROOTDIR, but if all you want is to know the path from which a routine was compiled, you can do it with IDL internal routines.

Doug
