

---

Subject: Re: path to .sav file

Posted by [David Fanning](#) on Mon, 23 Oct 2006 21:21:11 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

JD Smith writes:

```
> I use a modification of this method: create a
> little batch file (e.g. project_directory.pro) with something like:
>
> common my_project_dir, proj_dir
> if n_elements(proj_dir) eq 0 then begin
>   resolve_routine,'myproj',/NO_RECOMPILE
>   proj_dir=(routine_info('myproj',/SOURCE)).PATH
>   ps=path_sep()
>   if strmid(proj_dir, 0,1) ne ps then $ ;relative filename
>   proj_dir=file_expand_path(proj_dir)
> endif
>
> Then in any routine where you need to know the project directory, just
>
> @project_dir
>
> at the top. More real world examples would locate the interesting
> relative paths within the distribution. You can use anything for
> 'myproj', just pick a routine which is in a known useful location. This
> works for source, compiled SAV's, anything. For maximum usefulness, have
> the relative location of the routine (in source distributions) and the
> .sav file (in binary distributions) the same.
```

I've tried distributing files that I @filename into the code, but this always causes me grief when people try to run the code because it requires that the directory where the @ files are located be on the PATH (or in the local directory).

For some reason, people with UNIX machines have a \*great\* many problems getting their paths set up properly, in my experience. More often than not, my files are in 5 different directories on their machines, and I can easily spend an entire day getting things on their path sorted out. :-(

> Looks like 1 line to me ;)

I think it was two. But I try not to let the facts get in the way of making a point, whenever possible. :-)

(For some reason, I was thinking of TV and TVIMAGE

when I wrote that response. It's true that TVIMAGE  
uses ONLY built-in IDL commands.)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

---