
Subject: Re: How to parse the output of restore, filename, /ver
Posted by [Michael Galloy](#) on Fri, 05 Apr 2013 23:31:59 GMT
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On 4/5/13 5:09 PM, Nikola Vitas wrote:

> Hi,
>
> Is there a way to capture the output of
>
> restore, filename, /verb
>
> in a string variable? If yes, is there some standard tool to parse
> it? For example, I'd like to be able to automatically read which
> variables are saved in a .sav file.
>
> Thanks!
>

Use IDL_Savefile instead. See:

https://github.com/mgalloy/mglib/blob/master/src/save/mg_save_dump.pro

for an example.

Mike

--

Michael Galloy

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Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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Subject: Re: How to parse the output of restore, filename, /ver
Posted by [Heinz Stege](#) on Fri, 05 Apr 2013 23:41:24 GMT
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On Fri, 5 Apr 2013 16:09:06 -0700 (PDT), Nikola Vitas wrote:

> Hi,
>
> Is there a way to capture the output of
>
> restore, filename, /verb
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> in a string variable? If yes, is there some standard tool to parse it? For example, I'd like to be
able to automatically read which variables are saved in a .sav file.
>

> Thanks!

Hi Nikola,

you can get a list of the contents of a save file before or without restoring it by the IDL_Savefile object:

```
obj=obj_new('IDL_Savefile',filename)
contents=obj->Contents()
if contents.n_var ge 1 then print,'Variables: ',obj->Names()
if contents.n_sysvar ge 1 then $
    print,'System Variables: ',obj->Names(/system_variable)
; and so on
;
obj_destroy,obj
```

Cheers, Heinz

Subject: Re: How to parse the output of restore, filename, /ver
Posted by [Nikola](#) on Sat, 06 Apr 2013 00:09:24 GMT
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Great, many thanks! That's exactly what I was looking for.
