
Subject: Re: edit .sav file
Posted by [David Fanning](#) on Fri, 18 Jul 2008 02:45:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

Bulrush writes:

> Can I edit, and access the contents of a .sav file?

No, and don't even try. We don't need *that* police scene again. :-(

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.")

Subject: Re: edit .sav file
Posted by [Allan Whiteford](#) on Fri, 18 Jul 2008 08:43:18 GMT
[View Forum Message](#) <> [Reply to Message](#)

Bulrush wrote:

> Hi all,
> Can I edit, and access the contents of a .sav file?

It's unclear (to me, at least) exactly what you want to do.

You can restore the contents of a .sav file at the IDL command line by typing:

```
restore,file='myfile.sav'
```

and you get the contents to play with which you can later save.

If you had a .sav file with two variables, say a and b and you wanted to increase the value of a by 1 then you would type:

```
restore,file='myfile.sav'  
a=a+1  
save,a,b,file='myfile.sav'
```

If you're looking for something with more power then see:

<http://cow.physics.wisc.edu/~craigm/idl/cmsave.html>

and if you're looking for something which does even more then see David's reply.

Thanks,

Allan

Subject: Re: edit .sav file

Posted by [Wasit.Weather](#) on Fri, 18 Jul 2008 12:36:27 GMT

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

On Jul 18, 3:43 am, Allan Whiteford

<allan.rem...@phys.remove.strath.ac.remove.uk> wrote:

> Bulrush wrote:

>> Hi all,

>> Can I edit, and access the contents of a .sav file?

>

> It's unclear (to me, at least) exactly what you want to do.

>

> You can restore the contents of a .sav file at the IDL command line by
> typing:

>

> restore,file='myfile.sav'

>

> and you get the contents to play with which you can later save.

>

> If you had a .sav file with two variables, say a and b and you wanted to
> increase the value of a by 1 then you would type:

>

> restore,file='myfile.sav'

> a=a+1

> save,a,b,file='myfile.sav'

>

> If you're looking for something with more power then see:

>

> <http://cow.physics.wisc.edu/~craigm/idl/cmsave.html>

>

> and if you're looking for something which does even more then see
> David's reply.

>

> Thanks,

>

> Allan

I see. Thanks. I am a novice IDL user. I have read a lot about

the .sav file in this group. I tried the "RESTORE" routine, but seems like I still can not see the contents and add anything I want in it.

Thanks anyway!

Subject: Re: edit .sav file

Posted by [David Fanning](#) on Fri, 18 Jul 2008 13:11:02 GMT

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

Bulrush writes:

> I see. Thanks. I am a novice IDL user. I have read a lot about
> the .sav file in this group. I tried the "RESTORE" routine, but seems
> like I still can not see the contents and add anything I want in it.

If you just want to see what is in a save file, and maybe selectively restore variables and such, you can use the IDL_Savefile object to do so. This object doesn't allow you to add to the contents.

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.")

Subject: Re: edit .sav file

Posted by [Allan Whiteford](#) on Fri, 18 Jul 2008 14:42:11 GMT

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

Bulrush wrote:

> On Jul 18, 3:43 am, Allan Whiteford
> <allan.rem...@phys.remove.strath.ac.remove.uk> wrote:
>
>> Bulrush wrote:
>>
>>> Hi all,
>>> Can I edit, and access the contents of a .sav file?
>>
>> It's unclear (to me, at least) exactly what you want to do.
>>
>> You can restore the contents of a .sav file at the IDL command line by

```

>> typing:
>>
>> restore,file='myfile.sav'
>>
>> and you get the contents to play with which you can later save.
>>
>> If you had a .sav file with two variables, say a and b and you wanted to
>> increase the value of a by 1 then you would type:
>>
>> restore,file='myfile.sav'
>> a=a+1
>> save,a,b,file='myfile.sav'
>>
>> If you're looking for something with more power then see:
>>
>> http://cow.physics.wisc.edu/~craigm/idl/cmsave.html
>>
>> and if you're looking for something which does even more then see
>> David's reply.
>>
>> Thanks,
>>
>> Allan
>
>
> I see. Thanks. I am a novice IDL user. I have read a lot about
> the .sav file in this group. I tried the "RESTORE" routine, but seems
> like I still can not see the contents and add anything I want in it.
>
> Thanks anyway!

```

After restoring your file, type the "help" command.

You should see something like:

```

IDL> restore,'myfile.sav
IDL> help
% At $MAIN$
A      INT    =    3
B      INT    =    2
Compiled Procedures:
    $MAIN$

```

Compiled Functions:

```
IDL>
```

i.e. the variables stored in the save file should just end up in your

current scope.

Thanks,

Allan

Subject: Re: edit .sav file

Posted by [Craig Markwardt](#) on Fri, 18 Jul 2008 16:51:06 GMT

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

Bulrush <Wasit.Weather@gmail.com> writes:

>

> I see. Thanks. I am a novice IDL user. I have read a lot about
> the .sav file in this group. I tried the "RESTORE" routine, but seems
> like I still can not see the contents and add anything I want in it.

You can try,

 CMSAVEDIR, 'filename.sav'
to get a list of the contents.

And if you want to append something to the file,

 CMSAVE, new_variable, FILENAME='filename.sav', /APPEND

Note that these routines were eventually sanctioned by the makers of IDL. I paid dearly to have them be public, so people might as well use them if then need them.

Website,

<http://cow.physics.wisc.edu/~craigm/idl/cmsave.html>

Craig

--

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