View Forum Message <> Reply to Message On 18/06/2010 7:33 AM, Xavi Llort wrote: > Hi, > > I'm trying to compress save files already done. > If I compress the sav files in the unix terminal with Gzip, then IDL > "RESTORE" command does not recognize them: > IDL> save, a, filename='test.sav' > IDL> exit > \$ gzip test.sav > \$ idl > IDL> restore, 'test.sav.gz' > % RESTORE: Not a valid save file: test.sav.gz > This trick worked for binary files and OPEN command. > Any ideas how can I manage to compress lots of save files already > done, creating save files which can be directly opened from inside > IDL? > Thanks in advance, > Xavi have you tried save, a, filename='test.sav', /compress Jean Subject: Re: SAVE compress and Gzip Posted by Xavi Llort on Mon, 21 Jun 2010 16:24:01 GMT View Forum Message <> Reply to Message On 18 jun, 16:23, jeanh <ighasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote: > On 18/06/2010 7:33 AM, Xavi Llort wrote: > > > > > >> Hi,

>> I'm trying to compress save files already done.

Subject: Re: SAVE compress and Gzip

Posted by jeanh on Fri, 18 Jun 2010 14:23:26 GMT

```
>
>> If I compress the sav files in the unix terminal with Gzip, then IDL
>> "RESTORE" command does not recognize them:
>> IDL> save, a, filename='test.sav'
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>> Thanks in advance.
>> Xavi
> have you tried
> save, a, filename='test.sav', /compress
```

Maybe I did not explain well the problem...

The savs are already done and I would like to compress them individually, in a manner that the programs that open them will not notice.

To use the keyword /compress is what I should have done and I didn't;)

Xavi

> Jean

Subject: Re: SAVE compress and Gzip Posted by David Fanning on Mon, 21 Jun 2010 16:32:51 GMT View Forum Message <> Reply to Message

## Xavi Llort writes:

- > The savs are already done and I would like to compress them
- > individually, in a manner that the programs that open them will not
- > notice.
- > To use the keyword /compress is what I should have done and I
- > didn't;)

Ah! I'm planning a long, 500 mile hike later this summer.

A hike I first did 40 years ago this summer that changed my life in many ways. I think about this hike (and my life) a lot these days. This morning on the way to work a song came on the radio that made me sad. I was thinking about that on the way back from getting my coffee this morning. I think I'm sad about roads not taken and now closed off on any possible way forward.

All this to just say, I feel your pain. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thue. ("Perhaps thos speakest truth.")

Subject: Re: SAVE compress and Gzip Posted by jeanh on Mon, 21 Jun 2010 16:50:42 GMT

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```
On 21/06/2010 12:24 PM, Xavi Llort wrote:
```

- > On 18 jun, 16:23, jeanh
- > <ighasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:
- >> On 18/06/2010 7:33 AM, Xavi Llort wrote:

>>

>>

>>

>>

>>

>>> Hi,

>>

>>> I'm trying to compress save files already done.

>>

- >>> If I compress the sav files in the unix terminal with Gzip, then IDL
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- >>> IDL> save, a, filename='test.sav'
- >>> IDL> exit
- >>> \$ gzip test.sav
- >>> \$ idl
- >>> IDL> restore, 'test.sav.gz'
- >>> % RESTORE: Not a valid save file: test.sav.gz

```
>>
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>>
>> Jean
> Maybe I did not explain well the problem...
>
> The says are already done and I would like to compress them
> individually, in a manner that the programs that open them will not
> notice.
> To use the keyword /compress is what I should have done and I
> didn't;)
> Xavi
ah ok.
what about writing a small program that search for all .sav files, then,
in a loop, call a procedure that open the sav files and do a save, /all
/compress with the same (?) filename. (the extra procedure is to make
sure that only the variables of the current sav files are in scope and
saved)
Jean
Subject: Re: SAVE compress and Gzip
Posted by Xavi Llort on Tue, 06 Jul 2010 12:37:12 GMT
View Forum Message <> Reply to Message
On 21 jun, 18:50, jeanh
<ighasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:
> On 21/06/2010 12:24 PM, XaviLlort wrote:
>
>
>
```

>> On 18 jun, 16:23, jeanh

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```
>> < jghasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:
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> /compress with the same (?) filename. (the extra procedure is to make
> sure that only the variables of the current sav files are in scope and
> saved)
> Jean
```

This worked, THANKS!

In fact, the files were not mine, but used a lot of disk space! :P

Xavi

```
Subject: Re: SAVE compress and Gzip
Posted by Aram Panasenco on Mon, 12 Jul 2010 20:17:52 GMT
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```

```
Xavi Llort wrote:
> On 21 jun, 18:50, jeanh
> <ighasb...@DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:
>> On 21/06/2010 12:24 PM, XaviLlort wrote:
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>>> On 18 jun, 16:23, jeanh
>>> < ighasb... @ DELETETHIS.environmentalmodelers.ANDTHIS.com> wrote:
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>> sure that only the variables of the current sav files are in scope and
>> saved)
>>
>> Jean
> This worked, THANKS!
> In fact, the files were not mine, but used a lot of disk space! :P
>
> Xavi
I might be a little late but I'd just like to say that you can also
compress any files/directories by spawning the tar command. For example,
here's code that compresses a file:
```

spawn, 'tar czf "'+PathToCompressedFile+'.tar.gz" "'+PathToFileToBeCompressed+'"