
Subject: Re: Multiple journal files on linux
Posted by [David Fanning](#) on Fri, 14 Jun 2002 11:56:14 GMT
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Mark McGrath (markmcg4@hotmail.com) writes:

> Is there a way of creating a different journal file for each IDL
> session that I start?

Here is a program called Journal_Unique. Make this the startup
file for your IDL session. You will have a different journal
file for each IDL session that you start.

```
*****  
PRO Journal_Unique  
Journal, String('journal_', Bin_Date(SysTime()), '.pro', $  
    Format='(A, I4, 5I2.2, A)')  
END  
*****
```

Cheers,

David

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Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Multiple journal files on linux
Posted by [markmcg4](#) on Wed, 19 Jun 2002 08:37:06 GMT
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Thanks David, that is almost what I was looking for.

This routine makes an `almost' unique file. An example:
Running IDL on a linux cluster, as we do here, if the machine clocks
are a little out of sync it would be possible to over write the file
that had been opened already, no? (Not much info lost there though,
but the more serious case of the clocks being a lot out of sync then
large amounts of info in the journal file could be lost.)

I have hunted about a bit and come across this:
Add it to .cshrc/.tcshrc or equiv:

```
alias idl '( set rf=`mktemp /tmp/idlmg.XXXXXXX` ; echo
journal,\"`mktemp ~/idl/j
ournals/journal.XXXXXXX`\" >> $rf ; /usr/local/bin/idl $rf ; rm -f $rf
)'
```

which is an alias for the IDL comand. The mktemp program gaurentees that the file is unique. My problem with this method is that IDLWAVE does not pick the alias. Any ideas, anyone?

Slig ½n, Mark.

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>
> Cheers,
>
> David
```
