
Subject: Re: log output of an existing idl process
Posted by [Foldy Lajos](#) on Mon, 12 Feb 2007 16:56:02 GMT
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On Mon, 12 Feb 2007, aetherlux wrote:

> I have read about different ways to log the idl outputs (errors and
> others). But I have a problem in a different way.
> I have an idl process which is running in a machine which I connect
> using ssh. Because of limitations of the firewall my ssh session is
> closed after a certain time. If I login again by ssh, I can see that
> the process is running yet (\$top).
> The problem is that I have not previously defined a log file with
> journal or in a similar way. So, is it possible to obtain a log file
> of the current running idl program with the possible error output?. I
> am not sure about if it is possible with modifications of the stdout
> in the GNU/Linux remote system or the "catcher" tip by David.
>
> As I am not an expert I would thank a step by step explanation.
>
> Thank you very much.
>

I assume linux and console mode IDL, so try screen (man screen -):

starting IDL:

- ssh to your IDL machine
- screen
- idl
- ...
- Ctrl-A D ; detach console
- exit ; exit ssh

next time:

- ssh to your IDL machine
- screen -r ; reattach your console
- ...

regards,
lajos

Subject: Re: log output of an existing idl process
Posted by [Craig Markwardt](#) on Mon, 12 Feb 2007 17:29:32 GMT
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"aetherlux" <aetherlux@gmail.com> writes:

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> others). But I have a problem in a different way.
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> using ssh. Because of limitations of the firewall my ssh session is
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> in the GNU/Linux remote system or the "catcher" tip by David.
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> As I am not an expert I would thank a step by step explanation.

If your process is running *right now*, I think you are out of luck.
There are no really good ways to reconnect to an isolated process in
Unix.

Otherwise Foldy's suggestion of the "screen" program is a good one.
It allows you to reconnect and interact with an old job. It does
require foresight to start "screen" before anything else. Also, it
has a limited buffer size, so you won't be able to see very old
output.

Another solution is to use the "script" program, which keeps a log
of everything you do on the console. For example, you can run
it like this,

```
script -c "idl" myrun.log
```

Good luck!
Craig

--

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

Subject: Re: log output of an existing idl process
Posted by [aetherlux](#) on Mon, 12 Feb 2007 18:39:58 GMT
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Ok. At least I know how to do it for the next time. Screen seems a
good way combined with journal.
Thank you very much.

Juan.
