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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>

> 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 View Forum Message <> Reply to Message

Ok. At least I know how to do it for the next time. Screen seems a good way combinated with journal. Thank you very much.

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