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Subject: Re: How to debug ION

Posted by [Rick Towler](#) on Tue, 23 Oct 2001 18:59:56 GMT

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What version are you using?

AFAIR, 1.2 places the ion-out\*.txt files in your cgi-bin directory (I don't think it is configurable). In 1.4 you can set the path in your .ionsrc file but by default it is in the cgi-bin directory. I would guess that the reason you can't find your ion-out files is that your ION processes do not have permission to write to your cgi-bin directory. Since we run ION as user nobody, I had to change permissions on our cgi-bin dir when I was debugging with 1.2. With 1.4 you can specify a directory which is owned by nobody and dispense with that hassle.

In general, to track down ION Script issues you can look at your servers error log, then ion-p output (set in 1.4 in .ionsrc) then the ion-out\*.txt files generated by ion-i. If you are using 1.2, be prepared to receive little to no debugging information at times. I developed our ION Script application in 1.2 and found that certain bugs would generate no debug info at all (I \*think\* with 1.2 ion-p doesn't do any logging of errors so if your error occurs there you are left wondering). I wish I could give you more help but I have suppressed all recollections of that experience. 1.4 is supposed to be much better.

If you are running apache, default locations for some of these files are as follows (assuming /usr/local/ install):

```
/usr/local/apache/cgi-bin/.ionsrc
/usr/local/apache/cgi-bin/ion-out*.txt
/usr/local/apache/logs/error_log <- apache error log
```

Enjoy!

Rick Towler

"James Adams" <jadams@ucar.edu> wrote in message  
news:3BD5AA54.43E849@ucar.edu...

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> Can anybody give me some pointers as to how I can debug ION Script pages
> ? I can't even find where a ION log file is being written, anything
> might help.
>
> Thanks in advance...
>
> -James Adams
```

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