

## Re: Help – I'm at wit's end...

**Source:** <http://www.derkeiler.com/Newsgroups/sci.crypt/2004-12/1864.html>

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Don Bruder wrote:

>  
> *That was my next thought. However, if there's anything that has any  
> chance to swap newlines for carriage returns, I can't find it. Add in  
> the fact that this "inversion" \*DOES NOT\* happen when the exact same  
> code (just called by a different mainline routine that gets its data  
> from the FIPS test files rather than a ".torrent" file or its target))  
> is handed the FIPS test vectors – when using the FIPS vectors, I get  
> exactly the expected results – and I come up with "That's probably not  
> it either".*  
>  
> *Which is why I'm questioning my own sanity...*  
>  
> *I'm looking at a situation that would \*SEEM\* to be impossible based on  
> observable facts and the "rules" as I understand them, but it's  
> happening anyway!*  
>

Make sure that when you open binary files you open them with the "b"  
flag, e.g.

```
FILE * f = fopen("foo", "rb");
```

rather than

```
FILE * f = fopen("foo", "r");
```

otherwise you'll get weird behaviour with bytes that map to CR or LF.

Paul