Subject: Re: How to fasten formatted printf?
Posted by Craig Markwardt on Tue, 05 Jan 2016 02:53:10 GMT

On Monday, January 4, 2016 at 9:01:10 PM UTC-5, Yunfeng Tian wrote:
> Hi all,
>
> I usually have over a thousand text files to write. Each file contains 9 columns and several thousand lines. The below is a test.
...
> For 1000 files, it will take over 2 minutes. I wonder whether there is a way to do it very quickly.

You are probably limited by I/O. You can investigate:
   1. SSD or hybrid SSD drive
   2. Some kind of "RAM disk"
   3. Whether you can satisfy your requirements by writing unformatted binary files with WRITEU instead of formatted binary files with PRINTF.
   3. Computer with better CPU and I/O throughput performance.
Other than using binary files, there's really nothing you can do to your IDL code to make it faster.

Craig