

Forum:[Hack Forums](#)

Thread: [Writing to a text file really inneficient \[C#\]](#)

draxyee - April 22, 2020, 1:49 pm

I'm using this code to write to a text file using many threads at the same time. (Parallel.Foreach a list) with a high thread count.

However, I've noticed that multi thread doesn't increase the speed from a normal foreach when using this method.

PHP Code

```
<?php
public static void WriteDebug(string pathFile, string text)
{
    try
    {
        locker.AcquireWriterLock(int.MaxValue);
        File.AppendAllText(pathFile, text + Environment.NewLine);
    }
    finally
    {
        locker.ReleaseWriterLock();
    }
}
```

Is there any other efficient way to output a lot of data to somewhere (preferably to a file)?

I need it to be super super quick.

Cheers

Digital - April 22, 2020, 2:05 pm

(Apr 22, 2020 01:49 PM)draxyee Wrote: [\[CITE\]](#) I'm using this code to write to a text file using many threads at the same time. (Parallel.Foreach a list) with a high thread count.

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try using streamwriter it might help you

Shadow_Cloud - April 22, 2020, 6:03 pm

I would strongly advise log4net for this

Code class Program

```

{
    private static readonly log4net.ILog log =
log4net.LogManager.GetLogger(System.Reflection.MethodBase.GetCurrentMethod().DeclaringType
);

    static void Main(string[] args)
    {
        log.Info("Hello logging world!");
        Console.WriteLine("Hit enter");
        Console.ReadLine();
    }
}

```

Have a look here > <https://stackify.com/log4net-guide-dotnet-logging/>

Sickness - April 23, 2020, 8:13 am

```
static StreamWriter text = new StreamWriter("file.txt", true);
```

That line in top of main.

Inside main:

```
text.AutoFlush = true;
text.WriteLine(string);
```

Shadow_Cloud - April 23, 2020, 8:15 am

(Apr 23, 2020 08:13 AM)Sickness. Wrote: [\[CITE\]](#) static StreamWriter text = new StreamWriter("file.txt", true);

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Inside main:

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By default, a StreamWriter is not thread safe.