
Question

[Scott Roth](#) · Apr 19, 2017

Difference between %Stream.FileCharacter and %FileBinaryStream

Awhile back we had someone write some code to Log messages like we did in eGate but with Ensemble.

```
ClassMethod LogIt(pComponent As %String, pMsgIn As %String)
{
    set vDIR="/ensemble/"^OSUWMCInstance_ "/logs/"
    set fs=##class(%Stream.FileCharacter).%New()
    set fs.Filename=vDIR_pComponent_.log"
    do fs.MoveToEnd()
    set vTM=$PIECE($ZDATETIME($HOROLOG),",",2)
    //$ZTIME($PIECE($H,",",2),1)
    do fs.WriteLine(vTM_": "_pMsgIn)
    do fs.%Save()
    set fs="" // Close file
}
```

We found that the IO on this was slowing messages down, and those Operations that had high volume of message would fall behind. I have used %FileBinaryStream before on other items trying to write files. What is the difference between %Stream.FileCharacter and %FileBinaryStream? Is there a difference in throughput?

Thanks

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[#Object Data Model](#) [#Caché](#)

Source

URL: <https://community.intersystems.com/post/difference-between-streamfilecharacter-and-filebinarystream>