

## Re: Blockingio

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*Source:* <http://coding.derkeiler.com/Archive/Java/comp.lang.java.programmer/2005-08/msg03432.html>

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- *From:* "bitshit" <bitshit\_at\_hot\_mail\_dot\_com>
  - *Date:* Sat, 27 Aug 2005 00:58:26 +0200
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Pete Barrett" <petebarrett@xxxxxxxx> schreef in bericht  
[news:dg6kg1ddapnmbdu0of920u2jvotrje34rf@xxxxxxxx](mailto:news:dg6kg1ddapnmbdu0of920u2jvotrje34rf@xxxxxxxx)

>>> On Mon, 22 Aug 2005 18:05:49 +0200, "bitshit"

>>> <bitshit\_at\_hot\_mail\_dot\_com> wrote:

>>>

>>>>I made a simple progressbar to show in my applet when I download data. I

>>>>download this data over an URLConnection with the option

>>>>setUseCache(true).

>>>>

>>>>I know that it can't cache any file other than .class files, so i've

>>>>renamed

>>>>my zip data file to .class, so the jvm caches it. This all works fine,

>>>>except that I can't read progress from the input stream when I download

>>>>.class files with setUseCache enabled. When downloading class files with

>>>>setUseCache(false) or other files than .class it works ok. Does anyone

>>>>know

>>>>what's causing this?

>>>>

>>> Isn't this what a cache is all about? That the file is in the cache,

>>> therefore immediately available, therefore no progress to report?

>>>

>>> Pete Barrett

>>true.

>>but the problem is when downloading the file from a url (the first time,

>>not

>>from cache). It just doesn't read any progress, just as if the jvm

>>downloads

>>.class files in some separate thread i can't access till its done. it just

>>returns the filesize after some time (the time nescesary to download it)

> ..it seems to me that you are opening a hole can of worms

> by attemptng to treat downloadable resources as if they

> were class files.

>

> E.G. What is supposed to happen if any single resource

> is over 64Kb?

Re: Blockingio

"Andrew Thompson" <SeeMySites@xxxxxxxxxxxx> schreef in bericht  
[news:74a1juz5lro2\\$.13mv6jj8shgs8.dlg@xxxxxxxxxxxx](mailto:news:74a1juz5lro2$.13mv6jj8shgs8.dlg@xxxxxxxxxxxx)  
> On Fri, 26 Aug 2005 09:20:03 +0200, bitshit wrote:  
> ..  
>>> ..What is supposed to happen if any single resource  
>>> is over 64Kb?  
>>  
>> Well, actually I have resources in the "Class" file that are over 1mb,  
>> tested it on all JVM's (1.1 to 1.5) and it works =)  
>>  
>> What would be wrong with resource files in the class (zip) file over  
>> 64KB?  
>  
> Well.. I searched Sun, \*three\* times for any mention  
> to what I was referring ..and failed to find \*anything\*  
> that told – the maximum size of a class file.  
>  
> AFAIU, it is 64Kb, or 65536 bytes.  
>  
> Sorry, maybe someone else can confirm/correct my statement..  
>  
> --  
> Andrew Thompson  
> physci.org 1point1c.org javasaver.com lensesclapes.com athompson.info  
> "Finely tuned and well adjusted.."  
> Do-Re-Mi 'Man Overboard'

I didn't know about the 64kb limit for class files... if I rename my data  
zips to .class and let the jvm cache them I dont seem to get any problems  
anyway...

I followed the tip they gave to this problem at:  
[http://bugs.sun.com/bugdatabase/view\\_bug.do?bug\\_id=4528599](http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=4528599)

This way, it does cache the data zip. And Im able to load it as a zip file,  
but when downloading the .class, the jvm will somehow prevent updating  
downloading progress... is it something the jvm does under the hood (in a  
separte thread or something, that blocks the original inputstream till its  
finished)?

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• *Follow-Ups:*

◆ ***Re: Blockingio***

◇ *From:* Andrew Thompson

- **References:**

- ◆ **Re:Blockingio**

- ◇ *From:* bitshit

- ◆ **Re: Blockingio**

- ◇ *From:* Andrew Thompson

- Prev by Date: **Re: A short but unsuccessful script for calling a Java app.**

- Next by Date: **Re: General Programming tips**

- Previous by thread: **Re: Blockingio**

- Next by thread: **Re: Blockingio**

- Index(es):

- ◆ **Date**

- ◆ **Thread**