

Wt - Bug #5971

Wt Error

10/04/2017 02:00 PM - Momo LALMI

Status:	Feedback	Start date:	10/04/2017
Priority:	High	Due date:	
Assignee:	Roel Standaert	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Hello,			
I have the following errors since a couple of days, the errors happens when my laptop is closed then open again (after a period of hibernation),			
I don't know if this is related to some changes I have made on my Wt application, I have only changed the model of a WTreeView from Dbo::WQueryModel to WStandardItemModel.			
[2017-Oct-04 10:41:32.468400] 7784 - [info] "WebRequest: took 16.502ms"			
[2017-Oct-04 10:41:42.536455] 7784 - [info] "WebRequest: took 10068.1ms"			
[2017-Oct-04 10:41:42.536455] 7784 - [info] "WebRequest: took 7.852ms"			
[2017-Oct-04 11:16:25.778077] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"			
[2017-Oct-04 11:16:25.778077] 7784 - [info] "WebRequest: took 0ms"			
[2017-Oct-04 11:16:27.144203] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"			
[2017-Oct-04 11:16:27.151150] 7784 - [info] "WebRequest: took 7.954ms"			
[2017-Oct-04 11:16:30.842378] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"			
[2017-Oct-04 11:16:30.850740] 7784 - [info] "WebRequest: took 8.362ms"			
[2017-Oct-04 11:16:40.891272] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"			
[2017-Oct-04 11:16:40.900354] 7784 - [info] "WebRequest: took 9.082ms"			
[2017-Oct-04 11:16:46.859586] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"			
[2017-Oct-04 11:16:46.869551] 7784 - [info] "WebRequest: took 10.992ms"			
[2017-Oct-04 11:16:46.874570] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"			
[2017-Oct-04 11:16:46.884556] 7784 - [info] "WebRequest: took 11.982ms"			
[2017-Oct-04 11:16:46.893547] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"			
[2017-Oct-04 11:16:46.901549] 7784 - [info] "WebRequest: took 10.968ms"			
[2017-Oct-04 11:16:46.907552] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"			

[2017-Oct-04 11:16:46.916555] 7784 - [info] "WebRequest: took 11.946ms"

[2017-Oct-04 11:16:46.924571] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"

[2017-Oct-04 11:16:46.932589] 7784 - [info] "WebRequest: took 13.031ms"

[2017-Oct-04 11:16:46.941610] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"

[2017-Oct-04 11:16:46.949554] 7784 - [info] "WebRequest: took 13ms"

[2017-Oct-04 11:17:01.926383] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"

[2017-Oct-04 11:17:01.936281] 7784 - [info] "WebRequest: took 16.117ms"

[2017-Oct-04 11:17:01.943399] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"

[2017-Oct-04 11:17:01.952161] 7784 - [info] "WebRequest: took 15.88ms"

[2017-Oct-04 11:17:07.771228] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"

[2017-Oct-04 11:17:07.779960] 7784 - [info] "WebRequest: took 17.975ms"

[2017-Oct-04 11:17:07.790276] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"

[2017-Oct-04 11:17:07.798122] 7784 - [info] "WebRequest: took 18.162ms"

[2017-Oct-04 11:17:07.824933] 7784 - [error] "WebController: Valid session id: EF5oZkbDvtN2uiUI, but no cookie received (expecting multi session cookie)"

[2017-Oct-04 11:17:07.834858] 7784 - [info] "WebRequest: took 24.849ms"

Can you help me solving this please ?

History

#1 - 10/04/2017 03:35 PM - Roel Standaert

What happens on the client side when this occurs? Does the application stop working, or is a new session started?

What happens is that the multi session cookie has expired on the client side (it is normally refreshed at regular intervals), but the session id is still valid. What is your session timeout interval?

I'll see if there's a way to make sure that there can be no valid session with an expired multi session cookie. Also, I believe that in this case a new session should be started. I'll check to see if that happens. The only risk here is getting into a state where the multi session cookie is discarded for some reason, and you get into an infinite loop of creating new sessions.

#2 - 10/04/2017 03:35 PM - Roel Standaert

- Status changed from New to Feedback

#3 - 10/04/2017 03:45 PM - Momo LALMI

When this happens, the loading indicator is displayed and nothing else. the new session is not started.

the session timeout is 600 (10 minutes)

<!-- Session timeout (seconds). When a session remains inactive for this amount of time, it is cleaned up. -->

600

I have also updated the web browser, I am using Chrome Version 61.0.3163.100.

#4 - 10/04/2017 07:41 PM - Roel Standaert

I think I can see why this can occur. I pushed a possible fix to this to GitHub. Can you check it now?

I extended the validity of the multi session cookie so that the session should always expire before the multi session cookie expires.

#5 - 10/05/2017 01:58 PM - Momo LALMI

Hello,

I am still using WT version 3.3.8 (not yet 4.0)

Can I use the patch anyway ?

cheers

#6 - 10/05/2017 02:35 PM - Roel Standaert

Wt 3 is currently still maintained on the wt3 branch. I pushed the fix to both the wt3 and master (Wt 4) branches.

#7 - 10/05/2017 08:53 PM - Momo LALMI

thank you for your help, I will build a new version of WT3 and keep you informed.

#8 - 10/06/2017 02:52 PM - Momo LALMI

Hi, I have updated my WT3 library, but I still have the errors below, I have closed my laptop at 11:30 then opened it at 12:10

[2017-Oct-06 11:30:23.741562] 6752 - [info] "WebRequest: took 1710.02ms"

[2017-Oct-06 11:30:23.749540] 6752 - [info] "WebRequest: took 18.173ms"

[2017-Oct-06 12:10:08.583119] 6752 - [info] "WebRequest: took 2.38483e+006ms"

[2017-Oct-06 12:10:08.607976] 6752 - [info] "WebRequest: took 24.857ms"

[2017-Oct-06 12:10:08.607976] 6752 - [error] "WebController: Valid session id: F9pp1MLonNUN8UCW, but no cookie received (expecting multi session cookie)"

[2017-Oct-06 12:10:08.619183] 6752 - [info] "WebRequest: took 11.207ms"

[2017-Oct-06 12:10:09.978299] 6752 - [error] "WebController: Valid session id: F9pp1MLonNUN8UCW, but no cookie received (expecting multi session cookie)"

[2017-Oct-06 12:10:09.980000] 6752 - [info] "WebRequest: took 1.701ms"

[2017-Oct-06 12:10:18.134716] 6752 - [error] "WebController: Valid session id: F9pp1MLonNUN8UCW, but no cookie received (expecting multi session cookie)"

[2017-Oct-06 12:10:18.146973] 6752 - [info] "WebRequest: took 14.321ms"

[2017-Oct-06 12:10:18.603279] 6752 - [error] "WebController: Valid session id: F9pp1MLonNUN8UCW, but no cookie received (expecting multi session cookie)"

[2017-Oct-06 12:10:18.611283] 6752 - [info] "WebRequest: took 12.004ms"

#9 - 10/06/2017 03:14 PM - Roel Standaert

- Status changed from *Feedback* to *InProgress*

- Assignee set to *Roel Standaert*

#10 - 10/06/2017 03:30 PM - Roel Standaert

- Status changed from *InProgress* to *Feedback*

Just so I can be sure to reproduce your exact situation, could you share your wt_config.xml? Or just disclose one detail: have you enabled WebSockets?

Regards,

Roel

#11 - 10/06/2017 03:38 PM - Momo LALMI

- File *wt_config.xml* added

I have attached wt_config.xml

Web sockets are disabled, do I need to activate them ?

(I use the built-in httpd connector under windows for testing, and fastcgi/linux in production mode)

#12 - 10/06/2017 03:40 PM - Roel Standaert

No, you don't need to enable WebSockets if you don't want to. Are you experiencing the issue both when testing and in production?

#13 - 10/06/2017 03:43 PM - Roel Standaert

Also, although everything should work with the httpd connector and the fastcgi connector, we do generally recommend using the httpd connector, unless you have a specific reason to use FastCGI.

#14 - 10/06/2017 03:46 PM - Momo LALMI

Yes, I am experiencing the issue both when testing and in production,

I think it was not the case few days before I modify my main widget, replacing WTreeView model from WQueryModel to WStandardModel, but I am not sure that the issue is related to this...

#15 - 10/06/2017 04:01 PM - Roel Standaert

One more question: do you have server push enabled? I guess that maybe that could explain why you got this "WebRequest: took 2.38483e+006ms", even though the session should have timed out after 10 minutes of inactivity. I'm guessing that the browser is not closing the connection when it goes into standby.

#16 - 10/06/2017 04:11 PM - Momo LALMI

Where to check if server push is enabled ? I have a parameter in wt_config.xml :

50

Yes, I was expecting the session to be closed...

I have also updated the web browser, may be the old versions of Chrome close the session when the pc goes in standby mode...

#17 - 10/06/2017 04:12 PM - Momo LALMI

I switched back to WQueryModel as a model of WTreeView, I will tell you in about 30 minutes if there is a relation between them...

#18 - 10/06/2017 04:22 PM - Roel Standaert

- Status changed from Feedback to InProgress

I just managed to reproduce your issue (without server push). This happened because there was only one session. If another session had started in the meantime, this one session would have expired. I think we should expire sessions more proactively, using a timer.

#19 - 10/06/2017 04:40 PM - Momo LALMI

Hummmm, not related to what I thought.

If the dead session is detected and the user is redirected to a new session login page it will be ok for me, I would like to avoid keeping the user waiting while nothing will happen.

#20 - 10/06/2017 07:18 PM - Roel Standaert

I've been working on making session expiration more proactive, and I noticed that it should check for expired sessions every 5 seconds with FastCGI. Are you still experiencing this problem in a production setting with the previous patch? If so, I'd have to dig a bit deeper to find an explanation for that.

#21 - 10/09/2017 01:58 PM - Momo LALMI

Yes, I have the same behaviour with FastCGI connector.

#22 - 10/09/2017 06:43 PM - Roel Standaert

Even with the patch from commit c7f7d0a? If so, I'm not sure what is the problem there.

#23 - 10/09/2017 07:38 PM - Roel Standaert

- Status changed from InProgress to Feedback

I just pushed commit 26955bf. This should make sure that the session has expired before the multi session cookie expires for wthttpd. Do you still experience this issue now?

#24 - 10/18/2017 02:50 PM - Roel Standaert

It's been a little while since I've heard anything. Is this issue resolved now, or are you still experiencing this problem?

#25 - 10/18/2017 05:12 PM - Momo LALMI

Hello,

my Wt app is not closed, I still have the loading indicator running indefinitely.

best regards,

#26 - 10/18/2017 05:52 PM - Roel Standaert

In that case, if possible, could you provide a longer log file and maybe also a HAR file (see https://redmine.webtoolkit.eu/projects/wt/wiki/Issue_Tracker_Guidelines#How-to-create-a-HAR-file)?

I'm not sure if the source code of your application plays any role, but if you could provide a code sample (you can send it by mail if you don't want to attach it) that could also help.

I'm out of clues as to why this is still affecting you (the issue that I managed to reproduce has been resolved), so any information could be helpful.

Regards,

Roel

Files

wt_config.xml	23.5 KB	10/06/2017	Momo LALMI
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