

Wt - Bug #7600

WFileUpload Fails with Large Files

06/12/2020 03:20 AM - John Robertson

Status:	Feedback	Start date:	06/12/2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
When uploading a 9MB file, WFileUpload fails with the following error message: [2020-Jun-11 21:09:36.814] 18411 - [error] "Http::ResponseContinuation: WebWriteEvent::Error" It works fine for smaller files. I am using wt-4.2.2 wt_config.xml has the following entry for max-request-size: 10000 Smaller values will generate the "File too large" error.			

History

#1 - 06/12/2020 03:22 AM - John Robertson

I've tried this on Debian 10 and Ubuntu 18.04.4 amd64 systems.

#2 - 06/12/2020 10:33 AM - Roel Standaert

Yes, you're supposed to increase that limit to allow for larger files.

#3 - 06/12/2020 01:00 PM - John Robertson

Roel Standaert wrote:

Yes, you're supposed to increase that limit to allow for larger files.

Thank you for that insight. My question, however, is why the upload fails for a 9 MB file when the limit is sufficiently large?

#4 - 06/12/2020 01:05 PM - Roel Standaert

That's probably because there's always going to be some overhead. The file size may be 9 MB, but the actual request will be larger than that.

#5 - 06/12/2020 01:31 PM - John Robertson

Roel Standaert wrote:

That's probably because there's always going to be some overhead. The file size may be 9 MB, but the actual request will be larger than that.

Ok, I increased the value by an order of magnitude, and still get the same error:

2020-Jun-12 07:29:23.440] 26690 - [error] "Http::ResponseContinuation: WebWriteEvent::Error"

I think this is what is called a bug.

#6 - 06/12/2020 01:34 PM - Roel Standaert

Ah, I think I misunderstood you. Your issue is not the size limit, but something else. It's not unusual for us to have uploads that large though, so it's odd.

#7 - 06/12/2020 01:51 PM - Roel Standaert

- Status changed from New to Feedback

- Priority changed from High to Normal

I tried to reproduce your issue with the widget gallery (modified wt_config.xml to set max-request-size to 10000), and I'm noticing no issues with that. Maybe this is platform or browser specific? I don't know under what circumstances you're getting this issue.

I tested it with Firefox and Chrome on Ubuntu 18.04.

#8 - 06/12/2020 02:34 PM - John Robertson

Roel Standaert wrote:

I tried to reproduce your issue with the widget gallery (modified wt_config.xml to set max-request-size to 10000), and I'm noticing no issues with that. Maybe this is platform or browser specific? I don't know under what circumstances you're getting this issue.

I tested it with Firefox and Chrome on Ubuntu 18.04.

I must apologize - after compiling the Widget Gallery and using the appropriate config, your example does indeed work. I will look closely at the example code to see what is different.

#9 - 06/12/2020 02:45 PM - John Robertson

In the documentation it is unclear the purpose of WFileUpload::setFileTextSize(). A comment in "FileUpload.cpp" claims it limits file size, but this is clearly not the case. Could you please clarify the purpose of this function?

#10 - 06/12/2020 03:15 PM - Roel Standaert

That refers to the size of the input in (approximate) number of characters. It's like WLineEdit::setTextSize.

#11 - 06/24/2020 10:49 AM - Marco Kinski

I once had a similar problem when using chrome as a browser. I did not make any notes about that but i think to remember it had something todo with a barrierer like thing (to signal end of file?) which also happened to be part of the file.

#12 - 06/24/2020 02:14 PM - John Robertson

Marco Kinski wrote:

I once had a similar problem when using chrome as a browser. I did not make any notes about that but i think to remember it had something todo with a barrierer like thing (to signal end of file?) which also happened to be part of the file.

Thanks for chiming in. I have this working now, but I'm not exactly sure what fixed the problem. I changed one value from the default (128) in the configuration which seems to have influence:

100000