
Subject: SOLVED HttpRequest: is it possible to not wait the server answer?

Posted by [forlano](#) on Thu, 10 Aug 2023 11:49:22 GMT

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Hello,

let me explain the title.

My U++ client perform 7 queries with an online mysql server through a direct connection. Because the data transfer lasted around 30 seconds I have had this (bad) idea. From my client I have extracted the queries (with data) and transformed them in a PHP file (around 70 kByte included the data to be inserted and updated).

This file was compressed and uploaded to the server via a HttpRequest file upload. On the server side the file is unzipped, echo "OK", and then performs the queries. All works, however my U++ client after done the file trasfer still continue to wait 30 seconds!

It seems that HttpRequest() finish its job only when the php procedure on the server terminated its work... even if the meanwhile the php script echoed some string this is shown only at the very end.

What I would like to do is return control to the user just after the file upload, without to wait the execution of the query. Is there some option in HttpRequest that permit me to do it? Can I gather the echoed string from the server and close the connection? (leaving the server continue its query?)

I thought to use a thread. But it seems not to be the solution because after the data transfer the user is not aware of it and may quit the program in any moment.

Thanks in advance for any suggestion.

Luigi

Subject: Re: HttpRequest: is it possible to not wait the server answer?

Posted by [forlano](#) on Sat, 12 Aug 2023 09:12:40 GMT

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I solved the problem. In the meantime I learned that HttpRequest(), it seems, must wait an answer.

The solution is let the script (on the server) send back the wanted answer to the client, then continue the job on the server. The termining answer must be done properly. In PHP this is done in this way (reference :<https://stackoverflow.com/questions/15273570/continue-processing-php-after-sending-http-response/15273676#15273676>)

```
ob_start();  
// do initial processing here  
echo $response; // send the response to the client
```

```
header('Connection: close');
header('Content-Length: '.ob_get_length());
ob_end_flush();
ob_flush();
flush();
```

```
//... continue other stuff
//...
```

These two lines are very important and do the job:

```
header('Connection: close');
header('Content-Length: '.ob_get_length());
```

without them the client still hang.

Luigi
