Subject: HttpClientGet problems on Linux [BUG?]
Posted by hojtsy on Wed, 07 Jun 2006 15:36:04 GMT
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Check this code:

```
String error;
String result = HttpClientGet("someserver.com/somefile.txt", NULL, &error);
if(result.IsEmpty())
  Cout << "Error: " << error << "\n";
```

Runs OK on windows, but prints this error in linux:
Error: socket(3) / connect(someserver.com:80): Operation now in progress

HttpClientGet is supposed to download the file during the call, and not return until ready or timeout, correct?

Subject: Re: HttpClientGet problems on Linux
Posted by hojtsy on Wed, 07 Jun 2006 15:59:39 GMT
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On linux WSAEINPROGRESS is sent when "An operation that takes a long time to complete (such as a connect) was attempted on a non-blocking socket." I tried with blocking sockets and it works. I modified one line in HttpClient::Execute, instead of:
if(!socket.IsOpen() && !ClientSocket(socket, sock_host, sock_port, true, NULL, 0, false)) {

rather:
if(!socket.IsOpen() && !ClientSocket(socket, sock_host, sock_port, true, NULL, 0, true)) {

Subject: Re: HttpClientGet problems on Linux [BUG?]
Posted by rylek on Thu, 08 Jun 2006 05:48:11 GMT
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Now, this is clearly an error and one that I hope to fix easily. It is not very handy to create the socket itself as blocking because it can hang the application for a long time during the connect / receive calls. The trouble is probably caused by the fact that Windows and Linux use different error codes to report an unfinished blocking operation (Windows = EWOULDBLOCK, Linux = EINPROGRESS).

Regards