Subject: Proxy Authentication Required
Posted by koldo on Thu, 18 Mar 2010 15:14:01 GMT

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Hello all

I need to use an http client from a place with proxy that requires authentication.

I have tested it with CURL and NTLM authentication works well.

Do you know if it is possible to use NTLM or other authentication protocols like negotiation or kerberos in Upp?

This was the cause tojocky's Google Translator did not worked for me

Subject: Re: Proxy Authentication Required
Posted by Mindtraveller on Sun, 21 Mar 2010 07:17:05 GMT

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AFAIR Web package and HttpClient class supports Proxy. Just look at it's methods closer.

Subject: Re: Proxy Authentication Required
Posted by koldo on Sun, 21 Mar 2010 07:32:42 GMT

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Mindtraveller wrote on Sun, 21 March 2010 08:17AFAIR Web package and HttpClient class supports Proxy. Just look at it's methods closer.
Hello Mindtraveller

Is perhaps the key here? (httpcli.cpp)

```
 if(use_proxy && !IsNull(proxy_username))
   request << "Proxy-Authorization: basic " << Base64Encode(proxy_username + ':' +
proxy_password) << "\r\n";
 if(!IsNull(digest))
  request << "Authorization: Digest " << digest << "\r\n";
 else if(!force_digest && (!IsNull(username) || !IsNull(password)))
  request << "Authorization: basic " << Base64Encode(username + ":" + password) << "\r\n";
```

Does in anyway the code would run something like this? (I do not have any idea)

```
request << "Proxy-Authorization: NTLM " << Base64Encode(proxy_username + ':' +
proxy_password) << "\r\n";
```

Subject: Re: Proxy Authentication Required
Posted by koldo on Mon, 22 Mar 2010 09:33:02 GMT
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No, it does not work

request << "Proxy-Authorization: NTLM " << Base64Encode(proxy_username + ':' + proxy_password) << "\r\n";

Subject: Re: Proxy Authentication Required
Posted by koldo on Tue, 30 Mar 2010 14:07:37 GMT
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Hello

Any comment from package author?

Subject: Re: Proxy Authentication Required
Posted by rylek on Tue, 30 Mar 2010 19:26:29 GMT
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What say of it? what say conscience grim, That sceptre in my path?

Hello there!

I am the author of the http client yet I'm quite willing to admit I know absolutely nothing about NTLM. Not long ago I was forced to implement digest authentization against the server (not to the proxy) and while conceptually the trick is more or less the same as in case of basic authentization, the code is in fact loads more complicated. I agree that the more protocols supported the better but it would be very hard for me to implement something that I don't use and I doubt I have ever heard about. If you consider extending the HttpClient in this sense, I'm quite ready to give you a virtual helping hand and cooperate in any way imaginable.

Regards

Tomas

Subject: Re: Proxy Authentication Required
Posted by koldo on Tue, 30 Mar 2010 19:34:38 GMT
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rylek wrote on Tue, 30 March 2010 21:26What say of it? what say conscience grim, That sceptre in my path?

Hello there!

I am the author of the http client yet I'm quite willing to admit I know absolutely nothing about NTLM. Not long ago I was forced to implement digest authentization against the server (not to the proxy) and while conceptually the trick is more or less the same as in case of basic authentization, the code is in fact loads more complicated. I agree that the more protocols supported the better but it would be very hard for me to implement something that I don't use and I doubt I have ever heard about. If you consider extending the HttpClient in this sense, I'm quite ready to give you a virtual helping hand and cooperate in any way imaginable.

Regards

Tomas

Thank you Tomas. I will live without that for now.