Subject: Distant file info
Posted by Engeor on Fri, 08 Feb 2008 17:02:22 GMT
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I know how to download file from the web but how can I get info about such distant file? By info I mean things like creation date, size etc.?

Subject: Re: Distant file info
Posted by mirek on Sun, 10 Feb 2008 21:18:31 GMT
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This is not quite standardized and there does not seem to be common method that works with every FTP server.

That said, you can use "List" to load directory as String and then parse it....

Mirek

Subject: Re: Distant file info
Posted by Engeor on Mon, 11 Feb 2008 15:15:54 GMT
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By distant file I mean file that could be retrieved by http. So maybe there is some wrap around HEAD (instead of GET and POST in case of HttpClient)?

Subject: Re: Distant file info
Posted by Engeor on Mon, 11 Feb 2008 15:37:49 GMT
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OK, I have made small modification to HttpClient:

1) I have add METHOD_HEAD enum.
2) I have modify HttpClient::Exexute() to put HEAD substring into request string.
3) I have terminate same method before body analyzing.

It looks like what I was looking for and I believe it is

As I am not familiar with internet programing I would like just to know whether this approach is OK and if there is not any better method already implemented in UPP.

File Attachments

1) httpcli.zip, downloaded 500 times

Subject: Re: Distant file info
Posted by rylek on Mon, 18 Feb 2008 07:32:44 GMT
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Hello!

I have applied your modifications to the httpcli.cpp file. The updated uppsrc tree is available on Mirek's UVS repository. I haven't used HEAD myself so far but I believe the code is at least harmless with respect to the existing http client functionality and it sure can be useful in certain situations.

Concerning http client, there are some more directions I would like it to develop. One is that currently it doesn't implement persistent sockets (retrieving multiple requests after a single Connect), there is poor if any support for multiparts and the request execution is monolithic in the sense that you cannot e.g. make a HttpClientStream and incrementally display an image being loaded. Another thing is secure http, i.e. SSL support in the http client. When the time is ready, a potential future revision of the http client should take the above problems into account.

As concerns remote file information retrieval, of course this would be handy in FTP as well. It would be nice to try to tweak the BSD FTP client used (with minor modifications) in U++ to do this if possible. This way, it would be even possible to extend the FileSelector to (optionally) support more general URL's like remote FTP or HTTP file repositories.

Regards

Tomas