Subject: skylark with server and client
Posted by BetoValle on Tue, 19 Jan 2021 04:25:50 GMT
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Hi,

in the application client i run the code (after server)

```
CONSOLE_APP_MAIN
{
	String url = "http://localhost:8001/myapp/qualqueres";
	request.Post("id", "1234"); //** < --
	request.PostData("1111111");
	request.POST();
	String content = request.Execute();

	Cout() << "return " << content ;

	SetExitCode( 0 );
}
```

in the server application i run the code

```
SKYLARK(q, "qualqueres:POST")
{
  //**  "id" ??  "1234" ??  <--

  String c = http.GetRequestContent();

  http << c;
}

struct MyApp : SkylarkApp {
  MyApp() {
  root = "myapp";
 }
};

CONSOLE_APP_MAIN
{
  MyApp().Run();
}
```

in the application client return the result "1111111".

my question:

in this adaptation I did how to make the parameter "id" and its value "1234" passed by the client application, be read (evaluated) on the server and returned to the client application?

(ie how do I read the parameters on the server, passed by the client, without manipulating the traditional html?)

thanks

Subject: Re: skylark with server and client
Posted by Xemuth on Tue, 19 Jan 2021 09:31:58 GMT
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Hello BetoBValle :

Request from client :

```
HttpRequest http("http://localhost:8001/serverSkylark/qualqueres");
// http.POST().Header("id","1234"); //Via request header
// http.POST().Post("id","1234"); //Via post Data
 http.POST().PostData("{\"id\":\"1234\"}"); //Via post data formated in JSON
 Cout() << http.Execute() << EOL;
```

Code to return 1234 from server :

```
SKYLARK(q, "qualqueres:POST")
{
   //String c = http.GetHeader("id"); //Via request header
   //String c =  http["id"]; //Via post data

   String c;
   String dataNotParsed = http.GetRequestContent(); //Via Post data formated in JSON
   Value json = ParseJSON(dataNotParsed);
   if(!IsNull(json["id"]))
  c = json["id"];
```

```
   http << c;
}
```

Subject: Re: skylark with server and client
Posted by BetoValle on Tue, 19 Jan 2021 13:43:56 GMT
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Hi,

in app client compiler show error line ...http.POST().Post("id","1234").. error: use of undeclared identifier 'http'

what are the contents of your client app includes?

thanks

Subject: Re: skylark with server and client
Posted by Xemuth on Tue, 19 Jan 2021 14:05:43 GMT
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My 'http' is your 'request'.

```
#include <Core/Core.h>

using namespace Upp;

CONSOLE_APP_MAIN
{
 HttpRequest http("http://localhost:8001/serverSkylark/qualqueres");
// http.POST().Header("id","1234"); //Via request header
// http.POST().Post("id","1234"); //Via post Data
 http.POST().PostData("{\"id\":\"1234\"}"); //Via post data formated in JSON
 Cout() << http.Execute() << EOL;
}
```

Subject: Re: skylark with server and client
Posted by BetoValle on Tue, 19 Jan 2021 15:37:47 GMT
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sorry, after correcting the (my) HttpRequest and url (correct)

now work fine!

(1) param in post
__ app Client

```
#include <Core/Core.h>
using namespace Upp;
CONSOLE_APP_MAIN
{
    HttpRequest http("http://localhost:8001/myapp/qualqueres");
    http.POST().Post("id","1234"); //Via post Data
    Cout() << http.Execute() << EOL;
}
```

__Server

```
#include <Skylark/Skylark.h>
using namespace Upp;
SKYLARK(q, "qualqueres:POST")
{
    String c =  http["id"]; //Via post data
    http << c;
}
struct MyApp : SkylarkApp {
 MyApp() {
  root = "myapp";

 #ifdef _DEBUG
  prefork = 0;
  use_caching = false;
 #endif
 }
};

CONSOLE_APP_MAIN
{
#ifdef _DEBUG
 StdLogSetup(LOG_FILE|LOG_COUT);
 Ini::skylark_log = true;
#endif
 MyApp().Run();
}
```

(2)json
__app Client

```
CONSOLE_APP_MAIN
{
    HttpRequest http("http://localhost:8001/myapp/qualqueres");
    http.POST().PostData("{\"id\":\"1234\"}"); //Via post data formated in JSON
```

```
    Cout() << http.Execute() << EOL;
}
__Server
SKYLARK(q, "qualqueres:POST")
{
   String c;
   String dataNotParsed = http.GetRequestContent(); //Via Post data formated in JSON
   Value json = ParseJSON(dataNotParsed);
   if(!IsNull(json["id"]))
  c = json["id"];

   http << c;
}
```

(3) header

```
__ app Client
CONSOLE_APP_MAIN
{
    HttpRequest http("http://localhost:8001/myapp/qualqueres");

    http.POST().Header("id","1234"); //Via request header
    Cout() << http.Execute() << EOL;
}

__  Server
SKYLARK(q, "qualqueres:POST")
{
   String c = http.GetHeader("id"); //Via request header
   http << c;
}
```

Thanks!!!