
Subject: Re: New Core

Posted by [mirek](#) on Sat, 14 May 2016 07:03:32 GMT

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Mindtraveller wrote on Thu, 12 May 2016 15:10mirek wrote on Wed, 11 May 2016 19:40For years, there is a superior alternative in Core, HttpRequest. It can handle much more of http and is (if needed) async.

Yes, I was aware of the HttpRequest alternative. But HttpQuery represented slightly different functionality. It gave a number of useful routines for URL parsing. I used it in http server code to parse URL variables of incoming http request.

```
while (!shutdown)
{
    if (server->IsError())
    {
        server.Clear();
        server.Create().Listen(answerPort,100);
        Sleep(200);
    }
    TcpSocket socket;
    socket.Timeout(2000);
    if (!socket.Accept(*server))
    {
        Sleep(50);
        continue;
    }

    HttpHeaders http;
    http.Read(socket);
    int len = static_cast<int>(http.GetContentLength());
    if (len > 0)
        socket.GetAll(len);
```

```
HttpQuery query(http.GetURI());
```

```
String rq = query.GetString("RQ"); // this is where HttpQuery is actually used
```

```
if (rq == "REQ1")
{
}
else if (rq == "REQ2")
{
}
else if (rq == "REQ3")
{
}
...
```

I see.

Well, looks like we need to move this piece of code from Skylark to Core, right?

```
void Http::ParseRequest(const char *p)
{
    while(*p) {
        const char *last = p;
        while(*p && *p != '=' && *p != '&')
            p++;
        String key = UrlDecode(last, p);
        if(*p == '=')
            p++;
        last = p;
        while(*p && *p != '&')
            p++;
        if(*key != '.' && *key != '@') {
            if(key.EndsWith("")) {
                Value &v = var.GetAdd(key);
                if(v.IsNull())
                    v = ValueArray();
                (ValueArray &)v << UrlDecode(last, p);
            }
            else
                var.GetAdd(key) = UrlDecode(last, p);
        }
        if(*p)
            p++;
    }
}
```
