Subject: Re: Web or HttpClient example?
Posted by rylek on Tue, 20 Feb 2007 20:14:27 GMT
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Hello there!

I've made a very simple example (means I've put it in the 'examples' nest) with a suprising name "httpcli" which demonstrates basic use of the HttpClient. It's a console application which processes each of its commandline arguments as an URL, downloads the given page and displays its contents on the standard output. If you don't want to wait until next distribution and are reluctant to download it from our live UVS repository, here you are, just copy the folowing source into a file and add the Web package.

Regards

Tomas

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

using namespace Upp;

static String DumpSpecial(String s)
{
 String out;
 for(const char *p = s.Begin(), *e = s.End(); p < e; p++)
  if((byte)*p >= ' ' && *p != '\xFF')
   out.Cat(*p);
  else {
   switch(*p) {
    case '\a': out.Cat("[\\a]"); break;
    case '\b': out.Cat("[\\b]"); break;
    case '\f': out.Cat("[\\f]"); break;
    case '\v': out.Cat("[\\v]"); break;
    case '\t': out.Cat("[\\t]"); break;
    case '\r': out.Cat("[\\r]"); break;
    case '\n': out.Cat("[\\n]\n"); break;
    default:   out.Cat(NFormat("[\\x%02x", (byte)*p)); break;
   }
  }
 return out;
}

CONSOLE_APP_MAIN
{
 const Vector<String>& cmdline = CommandLine();
 for(int i = 0; i < cmdline.GetCount(); i++) {
  String proxy;
```

```
  if(*cmdline[i] == ':' && i + 1 < cmdline.GetCount())
   proxy = cmdline[i++].Mid(1);
  String url = cmdline[i];
  puts(url);
  fflush(stdout);
  HttpClient client;
  client.URL(url);
  client.Proxy(proxy);
  String content = client.ExecuteRedirect();
  puts("[error] " + Nvl(client.GetError(), "OK (no error)"));
  puts(NFormat("[status %d] %s\n", client.GetStatusCode(), client.GetStatusLine()));
  puts(NFormat("[headers] (%d bytes)\n%s", client.GetHeaders().GetLength(),
DumpSpecial(client.GetHeaders())));
  puts(NFormat("[content] (%d bytes)\n%s", content.GetLength(), DumpSpecial(content)));
  fflush(stdout);
 }
}
```