Subject: HttpRequest [FEATURE]: Add byte range request-header field (patch included)
Posted by omari on Sat, 26 Mar 2016 08:27:16 GMT
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useful to continue an interrupted download, or to get a file header only

for example, to continue an interrupted download :

```
HttpRequest r(url);
FileAppend fa(localFile);
fa << r.Range(fa.GetSize()).Execute();
```

the patch:

1- add a memeber variable :

```
String range;
```

2- initialize this memeber in HttpRequest::Init() :

```
range = "";
```

3- in HttpRequest::StartRequest(), add the content of 'range' to 'data' after the line (<< "Host: " << host_port << "\r\n") :

```
data << "URL: " << url << "\r\n"
    << "Host: " << host_port << "\r\n"
    << range
    << "Connection: " << (keep_alive ? "keep-alive\r\n" : "close\r\n")
    <<...
```

4- in HttpRequest::StartConnect() , add the content of 'range' to 'data' after the line (<< "Host: " << host_port << "\r\n")

```
data << "CONNECT " << host_port << " HTTP/1.1\r\n"
    << "Host: " << host_port << "\r\n"
    << range;
```

5- add HttpRequest::Range() methode :

```
HttpRequest&  Range(const int64 from, const int64 to)
{
 range << "Range: bytes=" << from << "-" << to << "\r\n";
 return *this;
}

HttpRequest&  Range(const int64 from)
{
 range << "Range: bytes=" << from << "-" << "\r\n";
 return *this;
}
```

Subject: Re: HttpRequest [FEATURE]: Add byte range request-header field (patch included)
Posted by mirek on Sat, 26 Mar 2016 09:08:27 GMT
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Hi,

at first glance it looks quite specialized. Why do not just use

```
HttpRequest&  Header(const char *id, const String& data);
```

```
r.Header("Range", String().Cat() << "bytes=" << from << "-" << to);
```

?

Mirek

Subject: Re: HttpRequest [FEATURE]: Add byte range request-header field (patch included)
Posted by omari on Sun, 27 Mar 2016 22:05:26 GMT
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Hi Mirek,

Your proposal is simpler, and it worked perfectly.

Upp continues to surprise me.

Thank you.
