
Subject: Re: HttpRequest File Upload

Posted by [mirek](#) on Sun, 31 Mar 2013 09:48:51 GMT

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Brat wrote on Sat, 30 March 2013 16:11: Okay,
i have to calculate the new Content-Length - how can i do this? strlen()? And how can i
manipulate the Content-Length field?

#EDIT:

Okay, i created this class.

```
class MultiHTTP {
public:
    MultiHTTP();
    MultiHTTP(String boundary);
    String GetContentType();
    String GetBoundary();
    void AddData(String name, String content);
    void AddFile(String name, String filename, String mime, String content);
    String GetRequest();

private:
    String bound;
    String req;
    int64 Length;
};

MultiHTTP::MultiHTTP(){
    bound = "---MULTIPART-BOUNDARY---" + AsString(Random()) + "---" + AsString(Random()) +
    "----";
    req = bound + "\n";
}

MultiHTTP::MultiHTTP(String boundary){
    bound = boundary;
    req = bound + "\n";
}

String MultiHTTP::GetContentType(){
    return "multipart/form-data, boundary=" + bound;
}

String MultiHTTP::GetBoundary(){
    return bound;
}

void MultiHTTP::AddData(String name, String content){
    req += "Content-Disposition: form-data; name=\"" + name + "\"\n\n";
```

```

    req += content + "\n" + bound + "\n";
}

void MultiHTTP::AddFile(String name, String filename, String mime, String content){
    req += "Content-Disposition: form-data; name=\"" + name + "\"; filename=\"" + filename + "\"\n";
    req += "Content-Type: " + mime + "\n";
    req += "Content-Transfer-Encoding: binary\n\n";
    req += content + "\n" + bound + "\n";

}

String MultiHTTP::GetRequest(){
    return req;
}

```

And my Code is

```

MultiHTTP request;
request.AddData("username", "USER");
request.AddData("password", "PASSWORD");
request.AddData("upload_session", session[0]);
request.AddData("chunk_no", "1");
request.AddData("chunk_number", "1");
request.AddData("filesize", AsString(Filesize));
request.AddData("finalize", "1");
request.AddFile("fn", file, "text/plain", LoadFile(file));
LOG(request.GetRequest());

```

```

HttpRequest req(session[1]);
req.POST();
req.ContentType(request.GetContentType());
req.PostData(request.GetRequest());
ret = req.Execute();
if(!req.IsSuccess()){
    PromptOK("FAILED");
    PromptOK(req.GetErrorDesc());
    return;
}
LOG(ret);

```

My class created this POST data

```

---MULTIPART-BOUNDARY---657443953---2000568409---
Content-Disposition: form-data; name="username"

```

USERNAME

```

---MULTIPART-BOUNDARY---657443953---2000568409---
Content-Disposition: form-data; name="password"

```

PASSWORD

---MULTIPART-BOUNDARY---657443953---2000568409---

Content-Disposition: form-data; name="upload_session"

O1QQRHKMDIDI

---MULTIPART-BOUNDARY---657443953---2000568409---

Content-Disposition: form-data; name="chunk_no"

1

---MULTIPART-BOUNDARY---657443953---2000568409---

Content-Disposition: form-data; name="chunk_number"

1

---MULTIPART-BOUNDARY---657443953---2000568409---

Content-Disposition: form-data; name="filesize"

69

---MULTIPART-BOUNDARY---657443953---2000568409---

Content-Disposition: form-data; name="finalize"

1

---MULTIPART-BOUNDARY---657443953---2000568409---

Content-Disposition: form-data; name="fn"; filename="NeedIt.txt"

Content-Type: text/plain

Content-Transfer-Encoding: binary

Sonic Youth

Deftones

Death From Above 1979

(Andrew Jackson Jihad)

---MULTIPART-BOUNDARY---657443953---2000568409---

But the Request fails. i only got this error
socket(6) / recv: Connection reset by peer

Whats wrong?

Hard to say. Try HttpRequest::SetTrace.

Mirek
