
Subject: Re: MultipartForm Class for use w/HttpClient
Posted by [jeremy_c](#) on Sat, 14 Aug 2010 19:46:17 GMT
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Simply put the existing HttpClient does not provide the facilities for file uploads via HTTP. It does not support Multipart Form data. It supports the POST format just fine which is suitable for most form data, but when a file upload is required (or even present) then the HttpClient falls short. That's where this class comes into play. It builds the post data for HttpClient.

The example I gave above would produce post data that looks like:

form.GetContentType() returns:

Content-Type:multipart/form-data; boundary=XgBtCfDkTmZlYqMtPcLgFgY

form.ToString() returns:

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

John Doe
--XgBtCfDkTmZlYqMtPcLgFgY
Content-Disposition: form-data; name="age"

18
--XgBtCfDkTmZlYqMtPcLgFgY
Content-Disposition: form-data; name="bio"; filename="mybio.txt"
Content-Transfer-Encoding: text/plain

Hello World!
I am a person who does not exist but is always used in examples.
--XgBtCfDkTmZlYqMtPcLgFgY
Content-Disposition: form-data; name="avatar"; filename="me.jpg"
Content-Transfer-Encoding: base64

...bunch of data snipped for the posts sake...
--XgBtCfDkTmZlYqMtPcLgFgY--