Subject: HttpRequest, Content-ID header in Part method
Posted by Zbych on Tue, 31 Mar 2015 08:51:54 GMT
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Hi,

I am looking for a way to add attachments to json-rpc/json-wsp.
The problem is that I need Content-ID header (example) in every attachment.

Mirek, can you add this header to the Part method?

removed.

Subject: Re: HttpRequest, Content-ID header in Part method
Posted by sergeynikitin on Tue, 31 Mar 2015 16:16:35 GMT
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May be add Callback for place any custom headers?
Or additional parameter with string with all headers....

I solved same task by rewriting Core Method.

Subject: Re: HttpRequest, Content-ID header in Part method
Posted by Zbych on Tue, 31 Mar 2015 19:29:46 GMT
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Hi Sergey,

You are right. Probably we need more generic Part method with headers defined by a user.
Maybe something like this:


```
HttpRequest& HttpRequest::Part(const Vector<String>& header, const String& data,
                 const char *content_type)
{
 if(IsNull(multipart)) {
  POST();
  multipart = AsString(Uuid::Create());
  if (content_type && *content_type)
   ContentType(String(content_type) + "; boundary=" + multipart);
  else ContentType("multipart/form-data; boundary=" + multipart);
```

```
 }
 postdata << "--" << multipart << "\r\n";
 for (int i = 0; i < header.GetCount(); i++){
  postdata << header[i] << "\r\n";
 }

 postdata << "\r\n" << data << "\r\n";
 return *this;
}
```

Subject: Re: HttpRequest, Content-ID header in Part method
Posted by mirek on Sat, 04 Apr 2015 07:42:40 GMT

Zbych wrote on Tue, 31 March 2015 21:29Hi Sergey,

You are right. Probably we need more generic Part method with headers defined by a user.
Maybe something like this:


```
HttpRequest& HttpRequest::Part(const Vector<String>& header, const String& data,
                    const char *content_type)
{
 if(IsNull(multipart)) {
  POST();
  multipart = AsString(Uuid::Create());
  if (content_type && *content_type)
   ContentType(String(content_type) + "; boundary=" + multipart);
  else ContentType("multipart/form-data; boundary=" + multipart);
 }
 postdata << "--" << multipart << "\r\n";
 for (int i = 0; i < header.GetCount(); i++){
  postdata << header[i] << "\r\n";
 }

 postdata << "\r\n" << data << "\r\n";
 return *this;
}
```


I agree that this is missing. However, I would rather add "headers" last parameter as either const
String& or const char *, which would simple would be put to postdata before the actual data. That
way is more alike to Headers method. Do you agree?

Mirek

Subject: Re: HttpRequest, Content-ID header in Part method
Posted by sergeynikitin on Sun, 05 Apr 2015 06:00:18 GMT

It will be 'Hack'. It's not transparent for newbies. But good as workaround.

Subject: Re: HttpRequest, Content-ID header in Part method
Posted by Zbych on Tue, 07 Apr 2015 09:02:43 GMT

mirek wrote on Sat, 04 April 2015 09:42I would rather add "headers" last parameter as either const String& or const char *, which would simple would be put to postdata before the actual data. That way is more alike to Headers method. Do you agree?

Mirek

I don't think it is a good solution. Beside headers in each attachment, I would like to be able to modify content-type header, which is hard-coded in Part function:

ContentType("multipart/form-data; boundary=" + multipart);

It would be better to have another "low level" Part function (Part0 or PartLL) with content-type and attachment headers configurable.
And of course "old" Part function should use this new "low level" Part.