

Infrastructure - Task #1456

Story # 1418 (Closed): d1\_libclient\_python refactoring

Refactor mime\_multipart to support use by restclient better

2011-03-31 18:44 - Roger Dahl

|  |                        |                        |            |
|--|------------------------|------------------------|------------|
| <b>Status:</b>   | Closed                 | <b>Start date:</b>     | 2011-03-31 |
| <b>Priority:</b>   | Normal                 | <b>Due date:</b>       |            |
| <b>Assignee:</b>   | Roger Dahl             | <b>% Done:</b>         | 100%       |
| <b>Category:</b>   | d1_libclient_python    | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b>   | Sprint-2011.16-Block.2 | <b>Story Points:</b>   |            |
| <b>Milestone:</b>  |                        |                        |            |
| <b>Product Version:</b>  | *                      |                        |            |
| <b>Description</b>   |                        |                        |            |
| 1)<br>The multipart class was design to perform a POST of the generated MMP document internally. It is now being used by the restclient, which has to call some internal methods of the class to get things working. This is introducing a subtle bug. In the restclient, the following code:<br><br><pre>mm = multipart(headers, fields, files) headers['Content-Type'] = mm._get_content_type() headers['Content-Length'] = mm.getContentLength()</pre><br>Clears the headers dictionary of the caller when getContentLength() is called. This is because the dictionary is passed by reference to the multipart class, and multipart clears the dictionary as part of the sequence that determines the MMP document length. |                        |                        |            |
| 2)<br>Remove support for POST from multipart.  |                        |                        |            |
| 3)<br>When removing the POST method, it is no longer necessary for the class to take a headers argument. However, it does need to be able to return the header values for content-type and content-length.   |                        |                        |            |

History

#1 - 2011-04-12 15:38 - Roger Dahl

- Status changed from New to Closed
- Target version set to Sprint-2011.15-Block.2