

Morpho - Bug #6045

Morpho not correctly handling Chinese characters

08/05/2013 10:22 AM - ben leinfelder

Status:	In Progress	Start date:	08/05/2013
Priority:	Normal	Due date:	
Assignee:	ben leinfelder	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Bugzilla-Id:			
Description			
Hi Ben,			
There is a Chinese display problem in Matakac 2.0.6 when the data package uploading from Morpho 1.10.0. My colleague, Chen-Tsai Chiu, modified the XMLUtil.java(MORPHO_1_10_0/src/edu/ucsb/nceas/morpho/util/). He add codes(red part) to the XMLUtil.jave as following.			
<pre>boolean escape = false; if (!escape) { // do not do escape for true UTF-8 encoding //str.append(ch); str.append("&#"); str.append(Integer.toString(ch)); str.append(';'); } else { // escape the special characters // see http://bugzilla.ecoinformatics.org/show_bug.cgi?id=5238 str.append("&#"); str.append(Integer.toString(ch)); str.append(';'); } }</pre>			
We can't make sure the way is correct but it works. Does it happen in other language?			
Thank you.			
Meei-ru			
Related issues:			
Related to Morpho - Bug #5238: Use UTF-8 for file reading and writing		Resolved	11/11/2010

History

#1 - 08/05/2013 10:24 AM - ben leinfelder

- Description updated

#2 - 08/07/2013 10:52 AM - ben leinfelder

We do not want to entity-encode special (Chinese) characters and instead want to use UTF-8 encoding. The mechanism in Moprho for posting data to the Metacac servlet was not properly specifying utf-8 character encoding.

This commit addresses that issue. You can build from this branch and test the fix. It may be a good idea to release a patch update of Morpho (v1.10.1) so that other users can benefit from this modification.

Author: leinfelder

Date: 2013-08-07 10:49:17 -0700 (Wed, 07 Aug 2013)

New Revision: 5731

Modified:

branches/MORPHO_1_10_0/src/edu/ucsb/nceas/morpho/Morpho.java

branches/MORPHO_1_10_0/src/edu/ucsb/nceas/morpho/framework/HttpMessage.java

#3 - 09/06/2013 12:52 PM - ben leinfelder

- *Target version changed from 2.1.0 to 2.0.0*

#4 - 11/06/2013 03:12 PM - ben leinfelder

- *Target version changed from 2.0.0 to 1.10.1*

Looks like there's another issue with this in MetacatDataStore.

#5 - 04/25/2014 03:31 PM - ben leinfelder

- *Target version deleted (1.10.1)*