Kepler - Bug #3970

XSLT unnecessarily writes to a file

04/10/2009 08:31 AM - Chris Weed

Status:	Resolved		**Start date:**	04/10/2009
Priority:	Normal		**Due date:**	
Assignee:	Chad Berkley		**% Done:**	0%
Category:	actors		**Estimated time:**	0.00 hour
Target version:	Unspecified		**Spent time:**	0.00 hour
Bugzilla-Id:	3970			

Description

Instead of creating a temporary file that may fail, write the XSLT output to a string buffer.
//XSLT.java

StringWriter sw = new StringWriter();

// Executes the Transformer
try {
transformer.transform(xml, new StreamResult(sw));
htmlStr = sw.toString();
} catch (Exception e) {
MessageHandler.error("Transform error", e);
}

History

#1 - 04/10/2009 09:17 AM - Matt Jones

Some XML documents are large enough that String representations can memory limited. By using temporary files properly, we can avoid these memory issues (assuming the XMl isn't loaded into memory somewhere else, of course). Would it be acceptable to simply fix the temporary files problem?

#2 - 04/10/2009 01:17 PM - Chris Weed

(In reply to comment #1)

> Some XML documents are large enough that String representations can memory
> limited. By using temporary files properly, we can avoid these memory issues
> (assuming the XMl isn't loaded into memory somewhere else, of course). Would it
> be acceptable to simply fix the temporary files problem?

I would agree with you if the output of the class was a file name string pointing to where the output is stored, but you are returning the string itself. You have to allocate that memory anyway to return it.

#3 - 04/27/2009 07:02 PM - Daniel Crawl

XSLTActor no longer writes the output to a temporary file.

#4 - 03/27/2013 02:25 PM - Redmine Admin

Original Bugzilla ID was 3970