

Morpho - Bug #1537

whitespace causes incorrect XSL conversion of eml2beta6 to eml2 in <unit>

04/27/2004 08:37 PM - Chris Jones

Status:	Resolved	Start date:	04/27/2004
Priority:	Normal	Due date:	
Assignee:	Chris Jones	% Done:	0%
Category:	morpho - general	Estimated time:	0.00 hour
Target version:	1.5.1	Spent time:	0.00 hour
Bugzilla-Id:	1537		

Description

The attribute dialogs in Morpho 1.4 allowed a researcher to enter a freetext 'unit' for typing a specific data column for tabular data. Morpho 1.4 seems to introduce a leading whitespace in the value of the unit tag like:

```
<unit> ton</unit>
```

On XSL transformation using \$MORPHO_HOME/xsl/eml2attr.xsl, the unit value is compared to the standard unit dictionary that ships with EML2.0.0. If the standard unit name is found, a <standardUnit> tag is created with the previous value. If not, the default is to produce a <customUnit> tag.

Because of the introduced leading whitespace, ' ton' != 'ton', and therefore an orphaned <customUnit> ton</customUnit> tag is generated, with no reference to it's STMML unit definition.

History

#1 - 04/27/2004 08:51 PM - Chris Jones

In order to do correct comparisons of STMML unit dictionary strings with units that have incorrectly introduced leading or trailing whitespace, I've used the normalize-space() XSLT function to strip the offending whitespace in an otherwise identifiable unit string.

#2 - 03/27/2013 02:17 PM - Redmine Admin

Original Bugzilla ID was 1537