Metacat - Bug #4680

Geoserver StringIndexOutOfBoundsException

01/20/2010 10:46 AM - Michael Daigle

Status:	Resolved	**Start date:**	01/20/2010
Priority:	Normal	**Due date:**	
Assignee:	Michael Daigle	**% Done:**	0%
Category:	metacat	**Estimated time:**	0.00 hour
Target version:	1.9.3	**Spent time:**	0.00 hour
Bugzilla-Id:	4680		

Description

Geoserver is throwing many StringIndexOutOfBoundsExceptions. There is a geoserver bug listed against version 2.4.4 that seems to address this. Note that we are running version 1.4.0. We should probably update geoserver.

The bug info that I found is:

International strings in DbfFileWriter cause StringIndexOutOfBoundsException
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```
Key: GEOT-1926
            URL: http://jira.codehaus.org/browse/GEOT-1926
        Project: GeoTools
     Issue Type: Bug
     Components: data shapefile
 Affects Versions: 2.4.4
        Reporter: Alexey Noskov
        Assignee: Jesse Eichar
     Attachments: DbaseInternationalTest.java
```

When storing some international string using DbfFileWriter, exception
StringIndexOutOfBoundsException may occur if two conditions are met:
1) String's length less then field size
2) String's size in bytes more, then field size

Problem in DbaseFileWriter, method getFieldString(int size, String s)

Loop
for(int index=size-1; currentBytes>size; index--)
need change to
for(int index=buffer.length()-1; currentBytes>size; index--)

Because, when storing string in buffer through buffer.replace(0, size, s),
it's size are truncated to length of s, and there are possible no symbol at
index size-1

Related issues:

Blocked by Metacat - Bug #4367: metacat didn't update xml_path_index table wh...	**Resolved**	**09/04/2009**

History

#1 - 01/28/2011 12:21 PM - ben leinfelder

We are now using Geotools 2.6.4

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

Original Bugzilla ID was 4680