When an issue description or comment contains a less-than sign (<), this sign is output verbatim in the issue page, instead of being escaped with ampersand-"lt"-semicolon. This causes the issue details page to be invalid XHTML, which is contrary to the page's doctype, and makes it impossible to read the page with an XML parser. I created an issue on the demo site to demonstrate the problem.

To reproduce, run `xmllint URL-OF-ISSUE-PAGE`, like this:

```
$ xmllint http://demo.redmine.org/issues/38181
http://demo.redmine.org/issues/38181:166: parser error : StartTag: invalid element name
  <p>Hm: <</p>
^  
  mg alt="Comment" src="/images/comment.png?1286930539" /></a></div><p>And this? <
^  
http://demo.redmine.org/issues/38181:330: parser error : Entity 'copy' not defined
Powered by <a href="http://www.redmine.org">Redmine</a> &copy; 2006-2010 Je
^  
```

The third error is a false positive (`xmllint` doesn't know XHTML entities), but the first two errors are symptoms of this problem.

### Related issues:
Related to Redmine - Defect # 21202: Left aligned sign in tabular is not work... Closed

### Associated revisions

**Revision 14812 - 2015-11-07 11:20 - Jean-Philippe Lang**

Fixed that less-than sign is not escaped by textile formatter (#6969).

**Revision 14834 - 2015-11-08 09:50 - Jean-Philippe Lang**

Merged r14812 (#6969).

**Revision 14835 - 2015-11-08 09:50 - Jean-Philippe Lang**

Merged r14812 (#6969).

**Revision 14836 - 2015-11-08 09:50 - Jean-Philippe Lang**
Merged r14812 (#6969).

Revision 14863 - 2015-11-11 08:34 - Jean-Philippe Lang
Reverts r14812 (#6969).

Revision 14864 - 2015-11-11 08:35 - Jean-Philippe Lang
Merged r14863 (#6969).

Revision 14865 - 2015-11-11 08:35 - Jean-Philippe Lang
Merged r14863 (#6969).

Revision 14866 - 2015-11-11 08:35 - Jean-Philippe Lang
Merged r14863 (#6969).

Revision 14867 - 2015-11-11 08:39 - Jean-Philippe Lang
Adds a test for #21202 (#6969).

History

#1 - 2015-10-01 10:34 - Go MAEDA
- File issue6969_test_escaping.diff added
- Category changed from Issues to Security
- Status changed from New to Confirmed
- Private changed from No to Yes

Thank you for reporting this issue.

Textile formatter in the latest trunk (r14634) is still affected.
Here is a test to catch this issue: attachment:issue6969_test_escaping.diff

#2 - 2015-10-22 09:11 - Toshi MARUYAMA
- Target version set to 2.6.8

#3 - 2015-11-07 11:21 - Jean-Philippe Lang
- Category changed from Security to Text formatting
- Status changed from Confirmed to Resolved
- Assignee set to Jean-Philippe Lang
- Private changed from Yes to No
- Resolution set to Fixed
Fixed in r14812.

#4 - 2015-11-08 09:51 - Jean-Philippe Lang
  - Status changed from Resolved to Closed

#5 - 2015-11-11 08:33 - Jean-Philippe Lang
  - Related to Defect #21202: Left aligned sign in tabular is not worked since applying #6969 added

#6 - 2015-11-11 08:39 - Jean-Philippe Lang
  - Status changed from Closed to Reopened
  - Target version changed from 2.6.8 to Candidate for next major release

Fix reverted, see #21202.

Files

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<th>Name</th>
<th>Size</th>
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<td>576 Bytes</td>
<td>2015-10-01</td>
<td>Go MAEDA</td>
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