Bug 720	Bug 857
Summary: StringEscapeUtils.escapeXml(input) outputs wrong results, when an input contains characters in Supplementary Planes.  Description: What steps will reproduce the problem? I use StringEscapeUtils.escapeXml(input) to escape special characters for XML.  Additional Information The cause of this problem is that the loop to translate input character by character is wrong. In CharSequenceTranslator.translate(CharSequence input, Writer out), loop counter "i" moves from 0 to Character.codePointCount(input, 0, input.length()), but it should move from 0 to input.length()	Summary: StringIndexOutOfBoundsException in CharSequenceTranslator  Description: What steps will reproduce the problem? I found that there is bad surrogate pair handling in the CharSequenceTranslator. Additional Information The method affected public final void translate(CharSequence input, Writer out) throws IOException Test Case Provided public void testEscapeSurrogatePairs() throws Exception {     assertEquals("\uD83D\uDE30", StringEscapeUtils.escapeCsv("\uD83D\uDE30"));}