Item 326
git_comments:

1. **comment:** If the SAX implementation does not provide the local name, the qualified name should be used instead
   label: code-design

git_commits:

1. **summary:** GUACAMOLE-497: Merge remove usage of function/classes deprecated within Java 9.
   message: GUACAMOLE-497: Merge remove usage of function/classes deprecated within Java 9.
   label: code-design

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** Ensure guacamole-client source is compatible with Java 9
   description: guacamole-client is intended to be compatible at a source level with Java 6 and later (though some Maven plugins require at least a version 7 JRE), however a number of functions and classes have been deprecated as of Java 9, resulting in warnings and a failed build: * Wrapper class constructors {{new Integer(String)}} and {{new Long(String)}} have been deprecated in favor of {{Integer.valueOf(String)}} and {{Long.valueOf(String)}}. * The {{XMLReaderFactory}} class used to parse {{user-mapping.xml}} has been deprecated in favor of {{SAXParserFactory}}. Migrating away from the old functions and classes _should_ be safe, as they have been defined since at least Java 6: * [{{SAXParserFactory.newInstance()}}|https://docs.oracle.com/javase/6/docs/api/javax/xml/parsers/SAXParserFactory.html#newInstance()], [{{SAXParserFactory.newSAXParser()}}|https://docs.oracle.com/javase/6/docs/api/javax/xml/parsers/SAXParserFactory.html#newSAXParser()], and [{{SAXParser.parse()}}|https://docs.oracle.com/javase/6/docs/api/javax/xml/parsers/SAXParser.html#parse(java.io.File, org.xml.sax.helpers.DefaultHandler)] * [{{Integer.valueOf(String)}}|https://docs.oracle.com/javase/6/docs/api/java/lang/Integer.html#valueOf(java.lang.String)] * [{{Long.valueOf(String)}}|https://docs.oracle.com/javase/6/docs/api/java/lang/Long.html#valueOf(java.lang.String)]

jira_issues_comments: