

Snd-Integration's Entities generation Issue

Plug-in Configuration(*com.sun.tools.jxc.maven2*) at pom.xml level

```

<plugin>
  <groupId>com.sun.tools.jxc.maven2</groupId>
  <artifactId>maven-jaxb-schemagen-plugin</artifactId>
  <version>1.2</version>
  <executions>
    <execution>
      <phase>generate-resources</phase>
      <goals>
        <goal>generate</goal>
      </goals>
    </execution>
  </executions>
  <configuration>
    <project>${project}</project>
    <destdir>../../conf/wsd1/xsd</destdir>
    <schemas>
      <schema>
        <namespace>http://com/enhancesys/entities/schema/integration</namespace>
        <file>Integration.xsd</file>
      </schema>
    </schemas>
    <srcdir>${project.build.sourceDirectory}/com/enhancesys/entities/integration</srcdir>
    <verbose>true</verbose>
  </configuration>
  <dependencies>
    <dependency>
      <groupId>javax.xml.bind</groupId>
      <artifactId>jaxb-api</artifactId>
      <version>2.2</version>
    </dependency>
    <dependency>
      <groupId>com.sun</groupId>
      <artifactId>tools</artifactId>
      <version>1.7</version>
      <scope>system</scope>
      <systemPath>${java.home}/../lib/tools.jar</systemPath>
    </dependency>
  </dependencies>
</plugin>

```

Failed at generating entities

Reactor Summary:

```

Entities and services for Integration ..... SUCCESS [ 0.368 s]
Integration commons jar ..... SUCCESS [ 3.377 s]
Integration entities generator(Jar) ..... FAILURE [ 6.596 s]
Snd Integration Entity Interface (Jar) ..... SKIPPED
Snd Integration Entity Service (Jar) ..... SKIPPED
Snd Integration WSDL Generator (Jar) ..... SKIPPED
Snd Integration Client Generator (Jar) ..... SKIPPED
Snd Integration Publishers (Jar) ..... SKIPPED
Integration Scheduler Service (Jar) ..... SKIPPED
Snd Integration Consumers (Jar) ..... SKIPPED
snoc-interfaceServices ..... SKIPPED
interfaceModuleServices ..... SKIPPED
interfaceResponseServices ..... SKIPPED

```

BUILD FAILURE

```

Total time: 11.180 s
Finished at: 2021-02-25T14:05:45+05:30
Final Memory: 30M/205M


```

```
[INFO] -----
[ERROR] Failed to execute goal com.sun.tools.jxc.maven2:maven-jaxb-schemagen-plugin:1.2:generate (default) on project integration-entities: Execution default of goal co
m.sun.tools.jxc.maven2:maven-jaxb-schemagen-plugin:1.2:generate failed: A required class was missing while executing com.sun.tools.jxc.maven2:maven-jaxb-schemagen-plugi
n:1.2:generate: com/sun/mirror/apt/AnnotationProcessorFactory
[ERROR] -----
[ERROR] realm = plugin>com.sun.tools.jxc.maven2:maven-jaxb-schemagen-plugin:1.2
[ERROR] strategy = org.codehaus.plexus.classworlds.strategy.SelfFirstStrategy
[ERROR] urls[0] = file:/C:/Users/vinayak/.m2/repository/com/sun/tools/jxc/maven2/maven-jaxb-schemagen-plugin/1.2/maven-jaxb-schemagen-plugin-1.2.jar
[ERROR] urls[1] = file:/C:/Users/vinayak/.m2/repository/javax/xml/bind/jaxb-api/2.2/jaxb-api-2.2.jar
[ERROR] urls[2] = file:/C:/Users/vinayak/.m2/repository/javax/xml/stream/stax-api/1.0-2/stax-api-1.0-2.jar
[ERROR] urls[3] = file:/C:/Program%20Files/Java/jdk1.8.0_271/jre/..lib/tools.jar
[ERROR] urls[4] = file:/C:/Users/vinayak/.m2/repository/com/sun/xml/bind/jaxb-xjc/2.2/jaxb-xjc-2.2.jar
[ERROR] urls[5] = file:/C:/Users/vinayak/.m2/repository/com/sun/xml/bind/jaxb-impl/2.2/jaxb-impl-2.2.jar
[ERROR] urls[6] = file:/C:/Users/vinayak/.m2/repository/org/codehaus/plexus/plexus-utils/1.1/plexus-utils-1.1.jar
[ERROR] urls[7] = file:/C:/Users/vinayak/.m2/repository/junit/junit/3.8.1/junit-3.8.1.jar
[ERROR] urls[8] = file:/C:/Users/vinayak/.m2/repository/ant/ant/1.6.5/ant-1.6.5.jar
[ERROR] urls[9] = file:/C:/Users/vinayak/.m2/repository/javax/activation/activation/1.1/activation-1.1.jar
[ERROR] urls[10] = file:/C:/Users/vinayak/.m2/repository/javax/xml/bind/jsr173_api/1.0/jsr173_api-1.0.jar
[ERROR] Number of foreign imports: 1
[ERROR] import: Entry[import from realm ClassRealm[maven.api, parent: null]]
[ERROR] -----
[ERROR] : com.sun.mirror/apt.AnnotationProcessorFactory
[ERROR] -> [Help 1]
[ERROR] -----
[ERROR] To see the full stack trace of the errors, re-run Maven with the -e switch.
[ERROR] Re-run Maven using the -X switch to enable full debug logging.
[ERROR] -----
[ERROR] For more information about the errors and possible solutions, please read the following articles:
[ERROR] [Help 1] http://cwiki.apache.org/confluence/display/MAVEN/PluginContainerException
[ERROR] -----
[ERROR] After correcting the problems, you can resume the build with the command
[ERROR] mvn <goals> -rf :integration-entities

E:\interface\backend\indosat\d4s3-indo\src-integration\sourcecode>
```

Reference at Plug-In at Maven Central Repository

Home » [com.sun.tools.jxc.maven2](#) » [maven-jaxb-schemagen-plugin](#)


Maven JAXB Schemagen Plugin
 JAXB schemagen utility for Maven 2. Part of the JAXB 2.0 RI Project.

License	Apache 2.0
Categories	Maven Plugins
Tags	plugin generator binding tools build build-system maven schema xml

Central (3) | Image | Public (1)

Version	Repository	Usages	Date
1.2	Central	0	Aug, 2011
1.1	Central	0	Aug, 2011
1.0	Central	0	Aug, 2011

Home » [com.sun.tools.jxc.maven2](#) » [maven-jaxb-schemagen-plugin](#) » [1.2](#)


Maven JAXB Schemagen Plugin » 1.2
 JAXB schemagen utility for Maven 2. Part of the JAXB 2.0 RI Project.

License	Apache 2.0
Categories	Maven Plugins
Organization	java.net
HomePage	https://jaxb.dev.java.net/
Date	(Aug 03, 2011)
Files	pom (5 KB) maven-plugin (12 KB) View All
Repositories	Central

Maven | Gradle | SBT | Ivy | Grape | Leiningen | Builder

```
<!-- https://mvnrepository.com/artifact/com.sun.tools.jxc.maven2/maven-jaxb-schemagen-plugin -->
<dependency>
  <groupId>com.sun.tools.jxc.maven2</groupId>
  <artifactId>maven-jaxb-schemagen-plugin</artifactId>
  <version>1.2</version>
</dependency>
```

Above 1.2 version not supporting to generate entity classes. Need latest version or else need alternate solution.

External Site Reference for 1.2 version



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gf-repo	gf-tooling	glassfish-repo	glassfish-scripting
grizzly-servlet-container	hj3	hk2-gradle-plugin	http-client
hypercompass	hyperjaxb3	hyperubl	japex
javaserverfaces-sources	javaserverfaces-spec-eg		
java-state-managemen	java-state-mgmt-ri	jaxb2-reflection	jaxb2-sources
jaxb-architecture-document	jaxbhelp	jaxb-tck	jaxp
jaxp-sources	jax-rpc-sources	jax-rpc-tck	jax-ws-sources
jmaki-charting	jmaki-ext	jmaki-store	jmaki-webtop
ims-ws-transport	ina	jsf-metadata-spec-	jsf-metadata-spec-

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