EML - Bug #3448

stmml.xsd non-deterministic

07/11/2008 08:43 AM - Margaret O'Brien

Status:	Resolved	**Start date:**	07/11/2008
Priority:	Normal	**Due date:**	
Assignee:	Matt Jones	**% Done:**	0%
Category:	eml - general bugs	**Estimated time:**	0.00 hour
Target version:	EML2.1.0	**Spent time:**	0.00 hour
Bugzilla-Id:	3448		

Description

A section of stmml.xsd is invalid, according to a new parser feature that Jing just added in response to bug 3232, and also to the venerable parsers in xmlSpy and oxygen. Interestingly, the 2 commercial editors don't catch up the error unless the schema is loaded directly, instead of imported (ie, by attribute.xsd).

This bug is very similar to 2054 -- that plagued EML for so long.

Here is the offending snip from stmml.xsd, starting at line 1708. The problem is the unbounded "definition" right next to the <xs:choice>

It appears that the invalidity can be fixed by either removing the minOccurs (ie, making it required) or by removing the <element ref="definition" ...> altogether. The sequence followed by choice structure makes any combination of elements ok, so this declaration seems to be extra. I do not see a more recent stmml.xsd available (cml.sourceforge.org). And we shouldn't go trekking of with our own flavor of stmml, so awaiting recommendations.

```
&lt;xsd:sequence&gt;
        &lt;xsd:element ref="definition" minOccurs="0"/&gt;
        &lt;xsd:choice minOccurs="0" maxOccurs="unbounded"&gt;
          &lt;xsd:element ref="alternative"/&gt;
          &lt;xsd:element ref="annotation"/&gt;
          &lt;xsd:element ref="definition"/&gt;
          &lt;xsd:element ref="description"/&gt;
          &lt;xsd:element ref="enumeration"/&gt;
          &lt;xsd:element ref="relatedEntry"/&gt;
        &lt;/xsd:choice&gt;
      &lt;/xsd:sequence&gt;
```

Related issues:

Has duplicate EML - Bug #3445: stmml.xsd non-deterministic	**Resolved**	**07/10/2008**

History

#1 - 07/14/2008 11:41 AM - Margaret O'Brien

This is a duplicate of bug 3445

- This bug has been marked as a duplicate of bug 3445 ***

#2 - 03/27/2013 02:23 PM - Redmine Admin

Original Bugzilla ID was 3448