

EML - Bug #4433

children element with namespace prefix were considered invalid by parser

10/01/2009 01:25 PM - Jing Tao

Status:	New	Start date:	10/01/2009
Priority:	Normal	Due date:	
Assignee:	Matt Jones	% Done:	0%
Category:	eml-parser	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	4433		

Description

```
<?xml version="1.0"?>
<eml:eml packageId="tao.12926.1" system="knb" xmlns:eml="eml://ecoinformatics.org/eml-2.1.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="eml://ecoinformatics.org/eml-2.1.0 eml.xsd">
<dataset>
.....
</dataset>
</eml:eml>
```

The above xml instance will be considered valid.

However, if we add "eml" to "dataset" and xml will look like:

```
<?xml version="1.0"?>
<eml:eml packageId="tao.12926.1" system="knb" xmlns:eml="eml://ecoinformatics.org/eml-2.1.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="eml://ecoinformatics.org/eml-2.1.0 eml.xsd">
<eml:dataset>
.....
</eml:dataset>
</eml:eml>
```

Parser will give an error like:

```
cvc-complex-type.2.4.a: Invalid content starting with element 'eml:dataset'. The content must match
'(((("":access){0-1},(((("":dataset)|("":citation))|("":software))|("":protocol)),("":additionalMetadata)){0-UNBOUNDED})'
```

History

#1 - 10/01/2009 02:22 PM - Matt Jones

Note that the validator message is asserting that the child elements should be unqualified (see the ": at the beginning of each expected element. I suspect this is related to the EML use of the namespace qualification attributes, and so is probably a truly invalid document. One could argue that EML does not use elementFormDefault properly, so maybe that would be a legitimate bug. But I think the parser is correct in this case. See my email to eml-dev on this topic.

#2 - 03/27/2013 02:26 PM - Redmine Admin

Original Bugzilla ID was 4433