

EML - Bug #3500

restrict content of boundingCoordinates, gRingLat and Long to lat and lon ranges

09/30/2008 02:46 PM - Margaret O'Brien

Status:	Resolved	Start date:	09/30/2008
Priority:	Immediate	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:	3500		
Description			
<p>Currently, the boundingCoordinates in the GeographicCoverage Type (e.g., westBoundingCoordinate, etc) are of type xs:string. The content of these elements should be restricted to reasonable latitude and longitude values, e.g., lons: -180<x<180 and lats -90<x<90, inclusive.</p> <p><appinfo> should be updated as appropriate.</p> <pre><xs:element name="westBoundingCoordinate" type="xs:decimal"> <xs:simpleType> <xs:restriction base="xs:decimal"> <xs:minInclusive value="-180"/> <xs:maxInclusive value="180"/> </xs:restriction> </xs:simpleType> </element></pre>			

History

#1 - 10/01/2008 04:26 PM - Margaret O'Brien

schema bugs targeted for 2.1.0 set to P1

#2 - 11/05/2008 03:44 PM - Margaret O'Brien

Some other types in geographicCoverage also should be retyped. While looking for type xs:string elements (see bug [#2512](#)) I found these elements that should be numeric types, rather than strings:

altitudeMinimum and AltitudeMaximum - change to decimal

gRingLatitude and gRingLongitude - restrict these the same was as for boundingCoordinates.

fix those before you close this bug.

#3 - 11/06/2008 10:05 AM - Margaret O'Brien

done, including retyping mentioned in comment [#2](#). documentation completed.

#4 - 03/27/2013 02:23 PM - Redmine Admin

Original Bugzilla ID was 3500