

EML - Bug #3488

datum requested in GeographicCoverageType

09/18/2008 05:16 PM - Margaret O'Brien

Status:	In Progress	Start date:	09/18/2008
Priority:	Normal	Due date:	
Assignee:	Matt Jones	% Done:	0%
Category:	eml - general bugs	Estimated time:	0.00 hour
Target version:	Postpone	Spent time:	0.00 hour
Bugzilla-Id:	3488		

Description

Received a verbal request from Christine Laney for an element (or attribute) defining the datum to go with coverage/boundingCoordinates and altitudes (one each), to assist in creating accurate maps of datasets' locations. EML2 recommendations for boundingBox coordinates do not mention datum, and for boundingAltitudes, authors are told to include the datum with the altitudeUnit. datum is also missing from gPoint. This bug is related to bug [#1019](#) (altitude units)

History

#1 - 09/22/2008 12:20 PM - Margaret O'Brien

targeting for 2.1.0, although may drop back to unspecified.

#2 - 09/30/2008 04:40 PM - Margaret O'Brien

Ken Ramsey will inquire further with Barbara Nolen at Jornada as to the specifics of this request, and the use of EML datasets in her GIS projects.

#3 - 10/01/2008 04:36 PM - Margaret O'Brien

these general bugs targeted "postpone"

#4 - 10/13/2008 04:02 PM - Margaret O'Brien

I followed up on the issue of datums with a couple of geographers. The conclusion is that the current geographicCoverage/boundingCoordinates tree is adequate for its intended use. The request for a datum to be associated with locations of datasets is actually part of a larger issue that cannot be addressed in this part of EML - namely the integration of highly detailed spatial descriptions and the data that was collected there. Values of lat and lon that have been put into west|east|north|south elements may have been taken from the context of a projection system, but the description of that system does not belong under geographicCoverage.

The documentation for geographicCoverage should be updated before this bug is closed.

1. to state its intended use - that it is meant for general, not accurate mapping, and that information about mapping projections is covered by EML in the spatialReference schema.
2. the datum for lats and lons are implied -- ie, the equator and the prime meridian

See bug [#1019](#) for a comment on vertical datum.

#5 - 11/07/2008 08:33 AM - Margaret O'Brien

documentation has been updated, so this bug can be closed.

#6 - 11/07/2008 08:36 AM - Margaret O'Brien

whoops - not closed, merely postponed along with other spatial issues.

#7 - 03/27/2013 02:23 PM - Redmine Admin

Original Bugzilla ID was 3488