

## EML - Bug #1991

### add fields for information about metadata maintenance

02/28/2005 01:06 PM - Matt Jones

<b>Status:</b>	In Progress	<b>Start date:</b>	02/28/2005
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Matt Jones	<b>% Done:</b>	0%
<b>Category:</b>	eml - general bugs	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	EML2.2.0	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	1991		

#### Description

This is a request for additional fields regarding metadata maintenance that I am filing for Xiaoping Wang.

----- Original request from Xiaoping Wang -----

Dear eml-dev:

As mentioned in my email to Matt and Peter (see below), providing necessary timestamp information for the EML metadata document is important not only to metadata generators but also to metadata users. Both `/eml/dataset/maintenance/description` and `/eml/dataset/maintenance/maintenanceUpdateFrequency` in EML schemas are used for description of dataset, not for the metadata document itself. Although we can use `/eml/additionalMetadata` to say something about the metadata document, I believe that the timestamp information about the EML metadata document is so important that it needs to be highlighted. The following is my recommendation about the way you can provide more information about the metadata itself.

In the `/eml/dataset/res:ResourceGroup`, instead of using `metadataProvider` as one of the elements, use `metadataInformation` as suggested below:

`<metadataInformation>`

A sequence of

`<metadataProvider>` required (comment: information about metadata providers is listed here)

`<metadataCreationDate>` required (comment: the date when the metadata document is originally created)

`<metadataMaintenance>` Optional (comment: this element is used when the metadata document needs to be updated in the future)

A sequence of

`<lastUpdateDate>` required (comment: the date of last metadata update)

`<oldVule>` required (comment: for example, the `endDate` for `rangeOfDates`, `numberOfRecords` for an entity (table), size of entity (table)..... These values will be changed after new data are loaded into the dataset)

`<updateFrequency>` required (comment: by comparing `updateFrequency` and `lastUpdateDate`, metadata developers know when they need to update their metadata document, and metadata users know if the metadata document describes the most current information about the dataset)

These are the necessary elements that I think they should be provided in EML metadata document. Hope my recommendation helps.

Thank you very much for your support.

Xiaoping Wang  
PMEL /NOAA

----- End request -----

The full email thread regarding this request can be seen in the EML-dev email archive here:

<http://www.ecoinformatics.org/pipermail/eml-dev/2005-February/001076.html>

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## History

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#1 - 03/27/2013 02:18 PM - Redmine Admin

Original Bugzilla ID was 1991