

EML - Bug #600

eml-storedProcedure - problems & proposal

09/23/2002 12:08 PM - David Blankman

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|--|--------------------|------------------------|------------|
| Status: | Resolved | Start date: | 09/23/2002 |
| Priority: | Normal | Due date: | |
| Assignee: | David Blankman | % Done: | 0% |
| Category: | eml - general bugs | Estimated time: | 0.00 hour |
| Target version: | EML2.0.0rc2 | Spent time: | 0.00 hour |
| Bugzilla-Id: | 600 | | |
| Description <p>As I began documenting storedProcedure it seemed to me that it is not appropriately modeled. In eml-view, there is "queryStatement" which allows the user to provide the sql code necessary to produce the view that is being documented.</p> <p>In storedProcedure, however, "parameter" replaces queryStatement. In order to invoke a stored procedure, however, you need more than just the parameters. You need the name of the storedProcedure or something equivalent to the queryStatement found in eml-view. I would proposed a structure for storedProcedure that resembles eml-view.</p> <p>I am assuming that storedProcedure is meant to apply primarily to a DBMS. If so, then the storedProcedure syntax and execution must be system specific. If the intent is to describe the stored procedure, then that should be done in eml-software.</p> | | | |

History

#1 - 09/23/2002 12:10 PM - David Blankman

This is a proposed replacement for the storedProcedure schema.

#4 - 09/23/2002 04:44 PM - David Blankman

Peter McCartney & I discussed the storedProcedure module. We both agreed that the current structure is inadequate. The problems and proposed changes are related to the structure of the parameter element.

We came up with three possible modifications. In each option the datatype field is removed. (in order of complexity):

1. Remove datatype and substitute it with a field called domainDescription. The content of this field would be a text description of the allowable values. This is a human readable description with no pretense of machine processing. (my preference).

2. Remove datatype and replace it with the attributeDomain complex type. This allows for more structured description of the allowable values.

3. Remove datatype and replace it with a choice of options 1 and option2, that is,

```
<choice>
<domainDescription>
<att:attributeDomain>
</choice>
```

I have attached a png file of what option 3 might look like.

#5 - 10/01/2002 05:32 PM - David Blankman

Changed parameter/datatype to parameter/domainDescription and added documentation. The domainDescription still needs a good example in the documentation.

#6 - 10/04/2002 02:51 PM - David Blankman

I provided an example for domainDescription. The example isn't as good as I

would like, but should be sufficient for technical documentation (especially since the user population is likely to be relatively small.

#7 - 03/27/2013 02:14 PM - Redmine Admin

Original Bugzilla ID was 600

Files

| | | | |
|---------------------------------|---------|------------|----------------|
| eml-storedProcedureProposed.xsd | 5.31 KB | 09/23/2002 | David Blankman |
| eml-storedProcedure.xsd | 9.76 KB | 09/23/2002 | David Blankman |
| ParameterType2.png | 4.42 KB | 09/23/2002 | David Blankman |