Personnel DB - use cases and design specification

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Wed, 03/31/2010 - 7:28am — cgries

Provisional design specifications for the new Personnel DB relational database and associated XML schema are available in the Web Services Working Group SVN repository at LNO.

Database schema ER diagram and MySQL files:
https://svn.lternet.edu/websvn/listing.php?repname=WSWG&path=%2Fpersonne...
[1]

XML schema documentation, schema diagram and example files:
https://svn.lternet.edu/websvn/listing.php?repname=WSWG&path=%2Fpersonne...
[2]

XML schema file (XSD):
https://svn.lternet.edu/websvn/listing.php?repname=WSWG&path=%2Fpersonne...
[3]

Prototype XSLT transforms to generate EML from lter-personnelDB documents:
https://svn.lternet.edu/websvn/listing.php?repname=WSWG&path=%2Fpersonne...
[4]

July 2011 presentation on XML schema:
https://svn.lternet.edu/websvn/filedetails.php?repname=WSWG&path=%2Fpers...

[5]

(under construction - use cases from working group meeting)

A great place to learn how to write effective use cases is here [6]
And an example of how we used this for the ProjectDB is here [7]
Basic outline: (copy this before filling in)

Actors

Goals

Use case

1. **Name**
2. **Goal**
3. **Assumptions**
4. **Basic flow**
5. **Alternate flow**
6. **Non-functional**

- Web Services [8]

Source URL: http://im.lternet.edu/news/committees/working_groups/webservices/personnelDB

Links:
[1] https://svn.lternet.edu/websvn/listing.php?repname=WSWG&path=%2FpersonnelDB%2Fdocs%2Fdata
[2] https://svn.lternet.edu/websvn/listing.php?repname=WSWG&path=%2FpersonnelDB%2Fdocs%2Fxml
[3] https://svn.lternet.edu/websvn/listing.php?repname=WSWG&path=%2FpersonnelDB%2Flib%2Fxml-schema%2F&rev=HEAD
[4] https://svn.lternet.edu/websvn/listing.php?repname=WSWG&path=%2FpersonnelDB%2Flib%2Fxslt%
[5] https://svn.lternet.edu/websvn/filedetails.php?repname=WSWG&path=%2FpersonnelDB%2Fdocs%2F
Jul-2011.pdf
[6] http://www.gatherspace.com/static/use_case_example.html
[7] http://intranet.lternet.edu/im/node/443
[8] http://im.lternet.edu/taxonomy/term/205