

B2SHARE – Store and Share Research Data

Pavel Straňák, Emanuel Dima

B2SHARE

- A user-friendly, reliable data repository
- A way to store and share research data
- Ease of use and openness towards end users
- Preserve “long tail data” that often disappears
- Citable data, replicable experiments for all fields of science
- Entry point to other EUDAT services (B2SAFE, B2STAGE)

Search 63 records for



Search



Home

[Deposit >>>](#)

Latest Deposits

2014-04-14

MIABIS2.0-RD

ERD and class model for implementing MIABIS 2.0 in RD-Connect

2014-04-14

REST paper 2014

REST mediates androgen receptor actions on gene repression and predi ...

2014-04-01

Federating Grid and Cloud Storage in EUDAT

by Maciej Brzeźniak

Presentation given during International Symposium on Grids and Clouds 20 ...

2014-03-31

Biologically Inspired Learning: Controlling the Neuronal Activity

by Jasper Bedaux

A layered neural net with adaptable synaptic weights and fixed threshold ...

STORE AND SHARE YOUR RESEARCH DATA



A user-friendly, secure, robust, reliable and trusted service to share and store your research data *adding value to your research data by assigning Persistent Identifiers to ensure long-lasting access and reference.*

Deposit and release your data via the generic interface or select a community extension including specific metadata fields. Releasing your data implies that your deposited data can be referred to, therefore any changes should be reflected in new data uploads.

Share your data with others in a safe and trusted environment.

Do you belong to a scientific community? Brand and create your own community collection with specific metadata fields customized for your field.

BETA

Homepage

MIABIS2.0-RD

13 April 2014

<http://b2share.eudat.eu>

Abstract: ERD and class model for implementing MIABIS 2.0 in RD-Connect

Keyword(s): MIABIS ; RD-Connect

The record appears in these collections:

BBMRI

Files ▾

Name	Date	Size	
ClassModel.png	14 Apr 2014	57.8 kB	Download
MIABIS20RDC.png	14 Apr 2014	131.2 kB	Download

[Comments & Reviews](#)

[Report abuse](#)

Export

[BibTeX](#), [MARC](#), [MARCXML](#), [DC](#), [EndNote](#), [NLM](#), [RefWorks](#)

Metadata

PID:	http://hdl.handle.net/11304/4ae-def32-c3ca-11e3-8cd7-14feb57d12b9
Publication:	http://b2share.eudat.eu
Publication Date:	2014-04-13
Uploaded by:	roxana.martinez@ki.se
Domain:	BBMRI
Checksum:	13cfcfe5793e347721f79ce7d49f daa9285a13c885916b17980565 4f0973d506

A Record Page


You are logged in. Username: Pavel Straňák



Step 01

Drag and drop files here


[Select files](#)
[Start upload](#)

Filename	Size	Status	Remove
C12-1015.pdf	488 KB	<div style="width: 100%; height: 10px; background-color: #007bff;"></div>	

Step 02


Select a domain or project

Generic



EUDAT

Ontology




euon

Hydro-
Meteorology



DRIHM

Linguistics



CLARIN

Biomedical
Research



BETA 0.5

Submission

Community feedback

- Editability of published records
 - Gradually filling in metadata
- Integration with community services / portals
 - Access point, visual, feel, AAI
 - metadata sets (attributes, value restrictions)
- Better, smarter entering of metadata

We have listened


You are logged in. Username: Pavel Straňák



Step 01

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BETA 0.5

BBMRI

The type of data collected in the study, and if biological samples are part of the study. Can be one or several of the following values: Biological samples, Register data, Survey data, Physiological measurements, Imaging data, Medical records, Other

Study ID	<input type="text"/>
Study name	<input type="text"/>
Study Description	<input type="text"/>
Principal Investigator	<input type="text"/>
Study design	None selected ▾
Disease	<input type="text"/>
Categories of data collected	Imaging data, Medical records ▾
Planned sampled individuals	<input type="checkbox"/> Biological samples <input type="text"/>
Planned total individuals	<input type="checkbox"/> Register data <input type="text"/>
Sex	<input type="checkbox"/> Survey data <input type="text"/>
Age interval	<input type="checkbox"/> Physiological measurements <input type="text"/>
Material type	<input checked="" type="checkbox"/> Imaging data <input type="text"/>
	<input checked="" type="checkbox"/> Medical records <input type="text"/>
	<input type="checkbox"/> Other <input type="text"/>

* Indicates required field

Step 04

Deposit

We have listened


You are logged in. Username: Pavel Straňák



Step 01

Drag and drop files here


[Select files](#)
[Start upload](#)

Filename	Size	Status	Remove
C12-1015.pdf	488 KB	<div style="width: 100%; height: 10px; background-color: #007bff;"></div>	

Step 02


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CLARIN

Biomedical
Research



BETA 0.5

Add basic details

Generic

Add more details?

Title

* Title of the resource

Description

Creator

author

Open Access

ON

Licence

Keywords

euon

The language in which the ontology was developed

Ontology Domain

Ontology Language

Ontology Engineering Tool

Creation Date

Modification Date

* indicates required field

- ✓ F-Logic
- KIF
- LexGrid-XML
- OCML
- OBO
- OMV:DAML-OIL
- OMV:OWL
- OMV:OWL-DL
- OMV:OWL-Full
- OMV:OWL-Lite
- OMV:RDF-S
- Protégé-Frames
- RRF
- W3C:OWL_2
- W3C:SKOS
- Other...

```
# -*- coding: utf-8 -*-
from invenio.sqlalchemyutils import db
from datetime import date
```

```
domain = "euon"
display_name = "Ontology"
table_name = 'EUON'
image = 'domain-euon.png'
kind = 'project'
```

```
# note that fields will need more stuff like validators later
fields = [
```

```
{'name': 'hasDomain',
 'col_type': db.String(256),
 'display_text': 'Ontology Domain',
 'description': 'A category that describes the ontology, from a pre-defined list of categories',
 'required': True},
{'name': 'hasOntologyLanguage',
 'col_type': db.String(256),
 'display_text': 'Ontology Language',
 'data_provide': 'select',
 'data_source': ['F-Logic',
                 'KIF',
                 'LexGrid-XML',
                 'OCML',
                 'OBO',
                 'OMV:DAML-OIL',
                 'OMV:OWL',
                 'OMV:OWL-DL',
                 'OMV:OWL-Full',
                 'OMV:OWL-Lite',
                 'OMV:RDF-S',
                 'Protégé-Frames',
                 'RRF',
                 'W3C:OWL_2',
                 'W3C:SKOS',
                 'Other...']
}
```

Add basic details

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Ontology Domain

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The language in which the ontology was developed

How to add new communities · B2SHARE/b2share Wiki

b2share/simplestore/lib/simplestore_model/metadata/euon_metadata_config.py at master...

How to add new communities

huwmorris edited this page on Apr 7 · 5 revisions

[Edit](#) [New Page](#)

1. Go to `b2share/simplestore/lib/simplestore_model/metadata`
2. Copy an existing file (e.g. `bbmri_metadata_config.py`) and name it following the pattern `COMMUNITY_metadata_config.py`
3. Change the content of this file according to the community requirements. The important variables are:
 - i. `domain` will uniquely identify the community
 - ii. `display_name` is the name displayed on the deposit page; if this is missing, `domain` will be used instead
 - iii. `table_name` is not currently used, but should be the same as `domain`
 - iv. `kind` is not used anymore; it can be set to either 'domain' or 'project'. In the case of a community, it's better to set it to 'project'
 - v. `image` is the image name, located in the image folder (`/opt/invenio/var/www/img`). The image should be less than 64px wide, but test and change it to make it look better.
 - vi. `domaindesc` is a description of the domain that is used as a tooltip.
4. Change the `fields` vector to contain the metadata fields appropriate for the community.
 - `name`: the field name
 - `col_type`: the data type
 - `display_text`: what the user will see
 - `description`: helpful tooltip for the field
 - `required`: True or False, whether the field is absolutely required or not

Pages 13

- [B2SHARE About](#)
- [B2SHARE FAQ](#)
- [B2SHARE TOU](#)
- [CentOS RHEL 6.5 installation guide for Invenio PU branch](#)
- [Clean Centos 6.5 minimal installation test \[OLD\]](#)
- [Debugging tools](#)
- [Home](#)
- [How to add new communities](#)
- [Metadata mapping](#)
- [Progress](#)
- [Release Notes](#)
- [Transition to the PU branch](#)
- [User Documentation](#)


+ Add a custom sidebar

Clone this wiki locally

<https://github.com/B2SHARE/b2share>

GUI for EUON · Issue #21 · B2SHARE/b2share

b2share/simplestore/lib/simplestore_model/metadata/euon_metadata_config.py at master...




stranak commented on Jan 5 Collaborator

Github has no option to upload files either to Issues or to Wiki. So I can't upload either the MS Word doc I have with the community info, or the original logos in PSD and EPS.

The key info from the doc is that this should be added:

attribute	description	comment
<code>hasDomain</code>	a category that describes the ontology, from a pre-defined list of categories (e.g., Anatomy, names of specific organisms, Diseases, etc.)	We have to create a list of domains: proposed take list of bioportal and widen it.
<code>hasOntologyLanguage</code>	the language in which the ontology was developed	We have to setup a list of formal languages
<code>usedOntologyEngineeringTool</code>	the tool that was used to develop the ontology	If someone wants to look on it
<code>creationDate</code> , <code>modificationDate</code>		This is very usefull for comparisons



stranak commented on Jan 5 Collaborator


Labels

- enhancement
- In Progress

Milestone

0.1 – Stable rele...

Assignee


 emanueldima

Notifications

Unsubscribe

You're receiving notifications because you modified the open/close state.

3 participants



Lock issue

Community extensions

- Simple and intuitive configs
- Very easy to add and modify
- Github tickets for creating and modifying them
- Community has to provide: a small table + logo
- Seem to work fine

GitHub, Inc. | This repository | Search or type a command | Explore | Gist | Blog | Help | stranak | Unwatch 12 | Unstar 3 | Fork 5

B2SHARE / b2share | New Issue

Browse Issues | **Milestones**

- Open Milestones 3
- Closed Milestones 6

Create a new milestone

	3 with issues	0 without issues	Due date	Completeness
Some Time Later (various ideas)	1 closed — 4 open		No due date	20%
0.6	2 closed — 21 open		Due by June 16, 2014	9%
1.0 – Summer release	0 closed — 20 open		Due by July 31, 2014	0%

1.0 – Summer release
Due by July 31, 2014

This should be a big release.

- B2SHARE should be really smooth, with user experience rivaling FigShare, Zenodo and other high quality services.
- Well integrated with all the other EUDAT services, B2SAFE first
- Shibboleth authentication + EduGAIN SP
- REST API for Deposition and Search

B2SHARE instances

b2share.eudat.eu

The real thing: The repository for general public. It is in full production, assigns real PIDs, only real records for real scientific data and publications should be submitted. not for testing with fake records. Running the latest stable revision (i.e. the latest closed Milestone).

trng-b2share.eudat.eu

Training repository: Running the same code as the production repository (i.e. a stable revision), but intended just for user training and evaluation. The database is not preserved long term. Don't submit real data here.

<https://test-eudatis.csc.fi>

Developers' testing repository: We deploy new features here, complete and test releases before deployment. Running the latest HEAD from our Master branch.

Choose a license (prototype)

Choose a license for your data

Answer the questions or use search and the find the license you want

← → ↻ Start again

What do you want to deposit?

Software Data

Available licenses

- Creative Commons Attribution (CC-BY)
- Creative Commons Attribution-NoDerivs (CC-BY-ND)
- Creative Commons Attribution-NonCommercial (CC-BY-NC)
- Creative Commons Attribution-NonCommercial-NoDerivs (CC-BY-NC-ND)
- Creative Commons Attribution-NonCommercial-ShareAlike (CC-BY-NC-SA)
- Creative Commons Attribution-ShareAlike (CC-BY-SA)
- Mozilla Public License 2.0
- Open Data Commons Attribution License (ODC-By)
- Open Data Commons Open Database License (ODbL)

Version 1.0 Plans

- Full Integration with B2SAFE Safe Replication
- REST API integration with first Community services:
 - Submissions, Search
- First AAI integration: Shibboleth – SP in EduGAIN
- User-friendly guides to pick a license (no lawyer needed)
- Follow our progress:
<https://github.com/B2SHARE/b2share/issues/milestones>

b2share.eudat.eu

