3rd EUDAT User Forum – Agenda

Charles University in Prague - http://eudat.eu/3rd-eudat-user-forum

Wednesday 23 April 2014

11.00-11.40 EUDAT User Forum Introduction	
11.00-11.05	**Welcome,** *Professor Jan Hajič, Institute of Formal and Applied Linguistics, Faculty of Mathematics and Physics Charles University in Prague*
11.05-11.20	**User Forum Objectives**, *Peter Wittenburg, EUDAT Scientific Coordinator, Max Planck for Plasmaphysics*
11.20-11.40	**FAIR data: cross Research Infrastructure interoperability of research data,** *Barend Mons, Dutch Techcentre for Life Sciences*
11.40-12.30 EUDAT Services – Status & Future Evolution	
11.40-11.50	**B2SHARE Status & Updates**, *Pavel Stranak, B2SHARE Product Manager, Charles University Prague*
11.50-12.00	**B2FIND Status & Updates**, *Hannes Thiemann, B2FIND Product Manager, DKRZ*
12.00-12.10	**B2SAFE Status & Updates**, *Johannes Reetz, B2SAFE Product Manager, RZG*
12.10-12.20	**B2STAGE Status & Updates**, *Giuseppe Fiameni, B2STAGE Product Manager, CINECA*
12.20-12.30	*Questions & Answers*
12.30-13.30	***Lunch***
***13.30-15.00** Collaboration Projects – B2SHARE & B2FIND integration and exploitation chaired by Pavel Stranak, B2SHARE Product Manager & Hannes Thiemann, B2FIND Product Manager*	
13.30-13.50	**Defining minimum metadata and interlinking services in the life science domain,** *Manuel Corpas, project leader at TGAC and ELIXIR UK technical coordinator*
13.50-14.10	**Using B2SHARE as a Repository for Biobanks,** *Roxana Merino Martinez, Karolinska Institutet*
14.10-14.30	**Managing and Sharing Atmospheric Composition Data,** *Martin Schultz, Forschungszentrum Jülich GmbH*
14.30-14.50	**Sharing Oceanographic Data,** *Simone Giannecchini, Geosolutions SAS*
14.50-15.00	Discussion and Q&A
15.00-15.30	***Coffee Break***
15.30-17.30 Collaboration Projects – B2SAFE & B2STAGE integration and exploitation Part I *chaired by Johannes Reetz, B2SAFE Product Manager*	
15.30-15.50	**Enriching the EIDA seismic data archive with EUDAT services**, *Peter Evans, Helmholtz Centre Potsdam, GFZ German Research Centre for Geosciences*
15.50-16.10	**Integrating EUDAT services with Universities' Data Infrastructures in the Netherlands,** *Ton Smeele, Utrecht University, on behalf of collaborating NL universities*
16.10-16.30	**Handling a Data Stream from the Flanders Marine LifeWatch Observatory**, *Fernando Aguilar Gòmez, IFCA-CSIC*
16.30-16.50	**Replicating Data from the Large Electron Positron (LEP) collider at CERN (Aleph Experiment),** *Marcello Maggi, INFN*
16.50-17.10	**IPSL climate data management backed by EUDAT services**, *Franck Corsini, Institut Pierre Simon Laplace – CNRS*
17.10-17.30	Q&A
17.30-18.30 Breakout discussions with EUDAT service product managers	
19.30	*Dinner courtesy of EUDAT @ Restaurant Konírna - Maltézské náměstí. 10*

Thursday 24 April 2014

09.00-10.20 Collaboration Projects – B2SAFE & B2STAGE integration and exploitation Part II *chaired by Giuseppe Fiameni, B2STAGE Product Manager*	
09.00-9.20	**Interfacing EUDAT services to ICOS Research Infrastructure**, *Margareta Hellström, ICOS Scientific Coordinator*
09.20-9.40	**Data submissions and archiving raw data in life sciences: a Pilot with Proteomics Data,** *Rafael C Jimenez, ELIXIR Technical Coordinator*
09.40-10.00	**A Collaborative Environment to Produce, Share and Store DNA Biomolecular Simulations**, *Ramon Goñi, BSC*
10.00-10.20	**Q&A**
10.20-10.40	***Coffee Break***
10.40-13.00 POLICY, CERTIFICATION AND HORIZON 2020 *chaired by Damien Lecarpentier, EUDAT Project Manager*	
10.40-10.50	**Open Access to Research Data & Data Management Policy - EUDAT support services,** *Damien Lecarpentier, Project Director, Research Infrastructures EUDAT Project Manager CSC -IT Center for Science LTD.*
10.50-11.10	**European Digital Repository Certification: the way forward,** *Ingrid Dillo, Deputy Director Policy, DANS*
11.10-12.40 Policy & Service Breakout sessions	
Session 1	**Policy, Sustainability & Certification Session** *moderated by Ingrid Dillo, Deputy Director Policy, DANS*
Session 2	**EUDAT B2Service Session** *moderated by Mark van de Sanden, Team Leader Data Services, SURFsara*
12.40-13.00	**EUDAT in Horizon 2020 & Discussion,** *Damien Lecarpentier, Project Director, Research Infrastructures EUDAT Project Manager CSC -IT Center for Science LTD*
13.00-14.00	***Lunch & End of User Forum***

Breakout session 1 - Policy, Sustainability & Certification
moderated by Ingrid Dillo, Deputy Director Policy, DANS

Context

Data that are created and used by science and scholarship need to be managed, curated and archived, making sure that the substantial investments in preparing and presenting the content and tools will not be lost. Researchers need to be sure that the resources the infrastructures offer remain meaningful and usable over time, which implies that these infrastructures need to have sustainable business models.

Preservation and sustainability raise challenges in many areas. The main issues related to long term preservation and sustainability remain basically unresolved, as many organizational, technical, financial and legal aspects remain open. Certification is therefore fundamental in guaranteeing the trustworthiness of digital repositories and thus in sustaining the opportunities for long-term data sharing.

This session will delve into policy and sustainability issues associated with managing and preserving research data. Trust is at the very heart of data sharing and preservation. Various stakeholders are involved, all for different reasons. The users of data from a digital repository have questions like: Have the data been preserved properly? Are they of high quality? Have they been changed in some way? Does the pointer get me to the right object? The depositors of data want to be sure that in the digital repositories their data are safe and remain accessible, usable and meaningful over time. Finally, the funders want the reassurance that their investment in the production of valuable research data is not wasted but will remain also in the future.

There has long been a demand for some way to assess the trustworthiness of a digital repository. Over the last few years a number of evaluation guidelines are becoming available: together they form the European Framework for Audit and Certification of Digital Repositories. In this session we will discuss how these guidelines can be relevant for community specific as well as generic repositories and how they can be implemented practically.

Breakout session 2 – EUDAT B2Service Session
moderated by Mark van de Sanden, Team Leader Data Services, SURFsara

Context

Various pan-European initiatives have developed generic e-infrastructures to support the work of European research communities. While it was often a challenge for these initiatives to get effectively engaged with a variety of scientific communities to develop and provide the relevant infrastructure services, EUDAT engages closely with scientific communities and interacts with them as collaboration partners from a very early stage of the service building.

The B2services are the result of such ongoing interactions with different communities, and are an integral part of the collaborative data infrastructure. The B2SAFE service is a policy-based replication service which allows reliable distribution of data across several EUDAT data storage providers and safe maintenance of this data for community-specific purposes. B2STAGE is a service for staging (moving) data between data fabrics, EUDAT storage providers, data analysis and processing computing facilities. B2SHARE offers a facility to easily upload, describe, share and keep data accessible particularly long-tail research data from many scientific domains. B2FIND is EUDAT's service for collecting, indexing and retrieving the metadata that is linked with the data that is stored and provided in a wide range of high quality data repositories and, for instance, in the context of collaboration projects.

EUDAT received more than 30 collaboration project proposals from institutions and initiatives across Europe. The proposed projects allow communities to influence the design and innovate the way how to operate these B2services. Some proposals indicate the need to generalize further and integrate new functionalities into B2services, and other proposals require dedicated adaptation of B2services to community infrastructures. In this context, communities can decide between different degrees of interaction and levels of integration of their community infrastructure services with EUDAT's B2services. The levels of integration range from "joining" to "using" a B2service.

This session on B2services will focus on the practical approach and the options for implementing some of the presented proposed collaboration projects. Possibilities, requirements and recommendations for the integration of community services with B2services as well as for the adaptation of B2services will be discussed. For instance, in the context of B2FIND, we will provide best practices on how to publish metadata in the collaboration projects. Finally, the current status and the roadmap for development and provisioning of each B2service will be presented.