

EGI-EUDAT ICOS Meeting (2017-10-04)

<https://indico.egi.eu/indico/category/165/>

Agenda

- Report B2STAGE HTTP API tests
- Report B2SAFE with local database support test
- EGI DataHub news
- Abstract for DI4R conference
- Report extra AARC meeting
- Structure Deliverable 7.4
- Other status update
- Step-by-step guide
- Open actions
- Next meeting

Present

Michaela Barth (PDC, KTH)

Ute Karstens (ICOS)

Maggie Hellström (ICOS)

André Bjärby (ICOS)

Matthew Viljoen (EGI)

Apologies

Jens Jensen (STFC, RAL, SC)

Information

- EGI DataHub news: last weekend upgraded to latest stable version (long awaited), upgrade was delayed since problems with small files led to much work and had to be tested properly. Other new functionality: easily to import existing data + graphical user interface to do this. PANCANCER community did now test this in the last week as part of their EOSCpilot work.
 - Ready for testing from ICOS!
 - ICOS can do some first tests next week.
 - Link to updated documentation: Matthew will send it
- Abstract DI4R, see below
 - Waiting for final comments by Matthew today, then Michaela will submit it.

- AARC meeting: Michaela had a separate meeting with Licia and Christos from AARC to walk them through step-by-step guide, useful comments:
 - interested in access management (register, deregister, allocation,..) for the users of the specific communities
 - use what is already there, e.g. eduTeams or <https://www.egi.eu/internal-services/checkin/>
 - will be part of Carbon Portal strategy of how to solve this. There is a working solution, so no help from AARC needed at the moment.
- Structure EUDAT Deliverable 7.4. : Preview of v0.1 uploaded to <https://b2drop.eudat.eu/s/TKgcvT7LkCvEJ4i>
 - Suggestion: Google Doc to work on specific parts, then do the final formatting in the last step.
 - Engage deliverable input from ICOS could be reused.
 - Diego and Gergely could help out with EPOS part
 - length limit?
- Progress with internal reorganisation of the model
- ICOS giving a flash presentation at EGI Review
- WP2 presentation by Matthew will also mention ICOS
- Quick tests with B2STAGE would be mostly helpful.

Open Actions

- AP Michaela: go back to CINECA with storage numbers (done -> 500 GB is no problem)
- AP Michaela: structure final deliverable and ask for specific input (done)
- AP Michaela: give AARC access to ICOS user steps documents and walk them through it. (done)
- AP Michaela: give AARC access to EUDAT presentation with figures (done)
- AP Xavier: produce an updated scheme figure on the workflow
- AP Ute, Xavier and EPOS: fill out questionnaire once it is out
- AP all: provide input to suggested abstract for D4IR conference until next week ICOS meeting, October 4th.
- AP Matthew send Engage Deliverable input to the list
- AP Michaela: check for length limit
- AP Michaela: check with Peter on next meeting date!

AOB

Next ICOS meeting: Wednesday 10:00 CET, November 1st (Matthew chairing, preliminary)

(Next ENES meeting: Wednesday 14:00 CEST, 18th of October)

Suggestion for Abstract to D4IR:

EGI-EUDAT joint access to data and computing resources: an executive report

The EGI-EUDAT interoperability collaboration started in 2016 with the goal to harmonise the two e-infrastructures. In order to create seamless access, and pairing data and computing resources together into one perceived infrastructure offering both EGI and EUDAT services, user communities were identified and selected to bring in their requirements on technical interoperability, authentication, authorisation and identity management, policy and operations.

After the definition of a universal use case, this end-user driven approach continued and EGI and EUDAT worked closely together with EPOS, ICOS and later also IS-ENES research infrastructures as usecase pilots to test-drive the cross-infrastructure usage of the storage resources managed by EUDAT and the computing resources available through EGI and to finally also validate the results.

Throughout the project, priorities were adjusted to match the aspects most important to the user communities: the user communities put much more emphasis on automated approaches and quality of end user documentation than foreseen in the beginning. Involving the user communities in this way also meant a sometimes steep learning curve on the technological understanding and effective communication using the right terms, which presented a major - but necessary - time investment from their side. This time and trust investment had to be properly administered by not misusing them as free beta-users of any not production-ready and largely undocumented new features, that were eagerly put forward.

Concrete outcomes of the soon to be finished work include e.g. valuable feedback on data-handling support within the EGI DataHub and testing to use the EGI Federated Cloud with automatic submission, data transfer tests between the VMs and B2STAGE instances using both OneData and EGI DataHub to access a common storage for several VMs and evaluating the new B2STAGE HTTP API.

This presentation will show the final established design of the workflows for each of the followed user communities, highlighting the adaption to their specific needs and also the cross-fertilization between them.