T5.4/T6.3 monthly meeting (Dec. 2017)

<https://indico.egi.eu/indico/event/3547/>

## Participants (19)

* Giuseppe La Rocca, EGI Foundation
* Matthew Viljoen, EGI Foundation
* Cristina Duma, INFN
* Michael Crusoe, CWL
* Achille Felicetti, PIN
* Frank Schuenzen
* Nick Juty
* Giovanni Morelli, CINECA
* Alessandro Spinuso, KNMI
* Tomas Zastrow, MPG
* Carlos & Josè-Maria, CNB
* Leonardo Candela, CNR
* Michael Schus, DESY
* Andrei, KNMI
* Benjamin Guillan (CNRS)
* Justin Bussery (CNRS)
* Pablo Caresa, CNB-CSIC
* Rafael Jimenez, ELIXIR

## Apologies (7)

* Daniele Bailo, INGV
* Dario Vianello, EBI
* Roberto Scopigno, CNR
* Volker Beckman, CNRS /IN2P3
* Geneviève Romier, IN2P3
* Carole Goble, Univ. Manchester/ELIXIR
* Xavier Jeannin, Renater

## Highlights of SD Reports

See attached document in the indico agenda.

Special Presentation: CWL (Michael Crusoe)

In many scientific domains large data needs to be analysed. This involved pipeline of different tools that needs to be combined before to obtain a final results. Combining different tools may be very complicated. To alleviate this problem workflow management systems have been introduced. Their main goal is to allow researchers to run complex analysis in an easier way, reproduce research and share results with members of the same community.

In a nutshell, the main advanced of these workflow management systems are: 1.) the possibility to focus on the research needs. 2.) Provenance tracking, and 3.) offer a place where communities can support each other.

Currently we have a long list of different workflow management systems for doing research and collaborations. For supporting modern science, researchers usually needs to move from one system to another and each system has a different way to represent data, tools, etc. 🡺 We need to identify a common way to make different systems to work each other based on standard.

Common Workflow Language (CWL, v1.0) is a neutral community-based standard which can be easily extensible. This standard bridges the interface between researchers and the underlying infrastructure. With CWL researcher can develops a scientific pipeline on his/her laptop and then execute on research clusters or in the cloud.

In the context of the EOSCpilot, Michael is assisting the following SDs:

* LOFAR and,
* eWaterCycle.

Early next year, Carlos and Josè-Maria will meet Michael to investigate how CWL can be used in the CryoEM SD.

For additional info, please contact Michael Crusoe at: [mrc@commonwl.org](mailto:mrc@commonwl.org)

Interoperability updates:

Cristina reported about the EOSCpilot Stakeholders Forum (see links in the agenda) and presented the first verison of the deliverable D6.4 – Initial Requirements of Interoperability Testbeds (see link in the agenda), providing details on the structure and asking for comments and contributions, in particular will discuss with the SDs shepherds the interoperability aspects of the respective SDs

Benjamin mentions that a meeting on the PiCO2 pilot is going on, overlapping with the today phone. Will provide later updaes.

Updates from Resource Providers:

CINECA is working on the DP-HEP SDs in order to make the datasets open.

No major updates from other resource providers.

Comments:

- Thomas Zastrow asked what to do if a service is not available in the EOSCpilot catalogue ? Who should be contacted?

- Tomas Zastrow asked where it is possible to find a list of resources/services for supporting the implementation of the EOSCpilot SDs. An initial inventory of services for supporting the 15 pilots are available at: <https://docs.google.com/spreadsheets/d/11o1sB8_JRIbjG7gn2Kr36gaj7GhM4MjDL9ugmofwGZ0/edit#gid=2057824795>

Summary and Actions

* Send JupyterHub as a Service receipt to Michael Schuh for the Photon & Neutron SD.
* Identify the EGI providers for supporting the Prominence SD.
* Get requests from new set of SDs.

AOB

By the end of this month, first round of SDs have to submit a final report of the working activities. In this report they are invited to focus on the following main topics:

- Success criteria: how much has been achieved during the funded period ?

- Problems identified during the implementation of the SD and how they were overcome.

These inputs will feed into the D5.6 – Evaluation Report of Service Pilots (PM24).

Next meeting: 16 January at 14:30 CET