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VRCs on EGI and Regional Infrastructures

Thursday, 29 March 2012 11:00 (1h 30m)

Description of the Work

CHAIN aims to further coordinate and leverage the experience of several e-Infrastructures Initiatives addressing various regions of the World and specifically those emerging in Asia and Africa, but also Latin America and Mediterranean.

CHAIN focuses on the harmonised and optimised interaction model for e-Infrastructure and specifically Grid interfaces between Europe and the rest of the world.

The interoperations among regional infrastructures both at the operational and organizational levels will be one of the major goals.

The project, started on 1st December 2010, is now focused on two milestones related to:

- Collecting the information on the state of the art of regional grid infrastructures and their organisational structures worldwide, in a unified format. This information will be further used to develop the first model for world-wide collaboration in e-Infrastructures and Grids in particular;
- Contact VRCs that can be considered of intercontinental span and/or willing to aggregate people and resources (computing, data repositories, etc.) from different regions of the world, to validate the above-mentioned model.

GISELA (www.gisela-grid.eu), which started on 1st September 2010, aims at

- Ensuring the long-term sustainability of its e-Infrastructure in Latin American and the Caribbean by implementing the NGI / LGI sustainability model proposed by EELA-2 (www.eu-eela.eu), in association with CLARA and collaborating with EGI.
- Providing full support to the EELA-2 User Communities whose research investigations are carried out at the institution level or in small collaborations, and to the larger VRCs spanning Latin America and Europe and using this Infrastructure.

Schedule of the Workshop:

Session 1:

- 1.VRC requirements (30 mn: 2 presentations)
- 2.New or emerging VRCs (15 mn: 1 presentation)
- 3.RP support to VRCs (45 mn: 3 presentations)

Session 2:

- 4.ROCs for Africa, Arabia, China and Latin America
- 5.Interoperability road-map update

Conclusions

EGI, CHAIN, GISELA and other projects will make use of the outcomes of the workshop to better solve the issues related to the involvement of Virtual Research Communities in the usage of Grid infrastructures.

Impact

The workshop is expected to analyse the progress made since the previous workshops in the matching of User Communities' requirements and Resource Providers' plans. Hopefully it will help to pinpoint the remaining critical issues and the necessary technical developments, if any, that still need to be addressed in order to fulfil the requirements of the VRCs.

URL

www.chain-project.eu

www.gisela-grid.eu

Overview (For the conference guide)

Following the successful workshops held in Vilnius during the EGI UF and in Lyon during EGI TF 2011, we propose to have a kind of follow up workshop to assess the progress made since then and identify what still needs to be considered:

Session 1:

- a. Hear from the VRCs, how their requirements concerning the support provided by the RPs have been attended with available resources from EGI & Regional Grid Infrastructures.
- b. New or emerging VRCs
- c. Have EGI & RPs reviewing the current VRC Support scheme, concentrating on the state of the art of services and stimulating the discussion on the basic and advanced services that can better match their requirements.

Session 2:

- d. Africa & Arabia, China and Latin American ROCs: how they are serving their community and interoperations with EGI
- e. Interoperability: is there an agreed roadmap.

Projects supporting the workshop: CHAIN, EGI, GISELA.

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