

Minutes of Information System Meeting with users, 22 January 2013

Present from IT-ES: Alessandro di Girolamo (AG), Stefan Roiser (SR), Andrea Sciaba (AS).

Present from IT-GT: Maria Alandes IT-GT (MA), Laurence Field (LF)

Present from EGI: Stephen Burke (SB)

Present from OSG: Catalin Dumistrescu (CD)

Other interested people who attended the meeting: Stefano Belforte (SB)

Agenda available in Indico

<https://indico.cern.ch/conferenceDisplay.py?confId=229774>

1. Introduction

This is an extraordinary meeting to understand the architecture of the AGIS information system and pick up ideas for the prototype to be implemented in REBUS to aggregate static and quasi-static information from GOCDB, OIM and BDII.

2. AGIS presentation

AG presents AGIS. AG explains the motivation to implement AGIS. He gives an overview of the architecture and describes the different collectors used by AGIS to get the necessary information (GOCDB, OIM, BDII, REBUS). Specific service records for CE, SE, Squid and Redirector are also described.

Action items

- *Aligned with the action item defined in the previous meeting: "Investigate how to extend REBUS and use it as a central tool to gather information from GOCDB, OIM and BDII". After AG presentation it should be added that CE and SE objects as defined in slide 9 from AG slides should be the starting point. (LF,MA)*

3. Discussion

- MA asks where the storage area related information is. AG confirms this is not in AGIS but in DDM since this is dynamic information collected from the SRMs.
- SR asks how AGIS deals with fickle values from REBUS. LHCb has observed some values changing to 0 sometimes. AG explains that this is automatically done since there are scripts gathering information from the different sources. AG confirms this has not been an issue so far.

LF informs that at some point REBUS will stop gathering the installed capacity information from the BDII and that this information will be entered manually as it happens with the pledges.

- SR asks about max CPU time and max Wall Clock time information used in the CE record in AGIS. AG confirms that this is in the service record but not actually used since values retrieved from the BDII didn't seem to be correct.

4. AOB

- SR reports that `GlueHostOperatingSystemName` and `GlueHostOperatingSystemRelease` are wrongly published. LF points out that this is not a problem in the IS itself, it is an operational problem and that clear guidelines have been defined for sites to know what to publish in these attributes: <https://wiki.egi.eu/wiki/HOWTO05> [How to publish the OS name](#). AS suggests asking for a critical test in the WN checking whether these attributes match the output of the `lsb_release` command. MA suggests contacting the maintainer of the YAIM subcluster module to automatically add the `lsb_release` output in the corresponding YAIM variables.

Action items

- *Open a GGUS ticket for the YAIM subcluster maintainers asking to automate the OS name guidelines. (MA)*
- *Request a new SAM test to check the OS name related information. (MA)*

5. Next meeting

5th February 2013