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| **Meeting:** | Technology Coordination Board (TCB) |
| **Date and Time:** | Friday 20 May 2011 - 9:00-12:00 |
| **Venue:** | Telecon, Amsterdam, Netherlands |
| **Agenda:** | https://www.egi.eu/indico/event/464 |

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# Participants

|  |  |  |  |
| --- | --- | --- | --- |
| Name and Surname | Abbr. | Representing | Membership |
| Steven Newhouse | SN | EGI.eu CTO | Member & Chair |
| Tiziana Ferrari | TF | EGI.eu COO | Member |
| Peter Solagna | PS | EGI.eu Operations Officer | Member |
| Stephen Brewer | SB | EGI.eu CCO | Member |
| Michel Drescher | MD | EGI.eu Technical Manager | Member |
| Sergio Andreozzi | SA | EGI.eu Policy Development Manager | In attendance (secretary) |
| Ales Krenek | AK | EGI DMSU Team Leader | Member |
| Kostas Koumantaros | KK | EGI Software Repository Task Leader | Observer |
| Alberto Di Meglio | AM | EMI | Member\* |
| Steve Crouch | SC | IGE | Member\* (deputy) |
| Andre Merkzy | AY | SAGA | Member\* |

\* non voting member after signing MoU and voting member after signing MoU and SLA

# AGENDA BASHING

No changes requested.

# MINUTES OF THE PREVIOUS MEETING

The minutes of the TCB meeting held on 7 April 2011 were reviewed. The minutes were approved as a correct record of the proceedings.

# ACTIONS REVIEW

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Resp. | Description | New Status |
| 02/07 | EGI.eu/SB | To collect requirements from user communities about job scheduling and WMS (focus on both functional and non-functional; ask if they are happy with the functionalities of WMS and need more stability)  *On-going investigation; AM would like to understand the trend in using WMS, if CREAM becomes widely deployed and enabling direct submission, user communities may be their own workflow on top; AM commented that you can ask people what they want, but also you can push a model; (action 03/26 to collect information from technology providers – EMI, IGE & beyond – as to the brokering systems and characteristics/features);*  *TF: survey based on info service, 135 WMS instances are in production;*  *20/5: no updates from last UCB, EMI will provide documentation on installation scenarios for WMS* | ~~OPEN~~  CLOSED |
| 03/07 | EGI.eu/SB | Go back to user communities about better error messages request and ask for specific requirements, not just generic  *From further investigation, there is no specific area where they are lacking clarity; the action generates three new actions (****05/01, 05/02, 05/03****)*  *20/5: closed as there is no follow up from UCB* | ~~OPEN~~  CLOSED |
| 03/10 | EMI/AM | To provide a list of components for which EMI needs collaboration from EGI sites for scalability testing.  *Document available (see agenda) operations to match up with sites before closing the action.*  *20/5: TF provided the list to Florida/EMI; they have deadline to participate in it* | OPEN |
| 03/12 | EMI/CA  EGI.eu/MD | Cristina Aiftimiei and MD to pick up component from EMI and test the workflow from GGUS ticket to complete EGI certification; the goal is to test the process  *Report is pending, IGE provided list of a first draft of their distribution delivery to EGI, analysis and processing is pending.*  *20/5: SN asked about update of release on .xml; AM said that the GGUS ticket with XML file should be provided during the day; MD: the dry-run report is available in DocDB:* [*https://documents.egi.eu/document/479*](https://documents.egi.eu/document/479) | ~~OPEN~~  CLOSED |
| 03/15 | EGI.eu/MD  EGI.eu/TF | Explain how EGI software repository can be used by sites for software installation and clarify the sources of software; collect news stories about deploying UMD 1.0 pre-release from operation team and feed to dissemination team to be disseminated at EGI User Forum (merged from 3/19)  *No dedicated document; EMI->UMD; to be discussed in SA2 F2F meeting*  *20/5: keep it open* | OPEN |
| 03/16 | EGI.eu/SB | Investigate training requirements ~~related to new EMI 1.0 release~~  *BK can send a list of components for which training can be useful; they are those who have public interface; IGE to provide the same; to be used by User Community (added actions 05/10 and 05/11)*  *20/5: list provided by EMI/IGE* | ~~OPEN~~  CLOSED |
| 03/22 | EGI.eu/MD | EGI-InSPIRE D5.4 to be improved to contain a more clear vision on future evolution of UMD Roadmap; add Collaborative Roadmap vision  *20/5: stay open* | OPEN |
| 03/25 | EGI.eu/MD | To add roadmap for standards adoption in UMD roadmap (probably version D5.4)  20/5: stay open; TF asked about UMD roadmap and Globus; UMD roadmap defines protocols for info discovery, Globus is going to release IIS which does not provide the identified protocol; SN: should for Globus and UNICORE to publish in BDII or it is acceptable? TF: we should avoid creating islands of information; TF: the UMD roadmap should define a vision in the integration of the info discovery and data; SC clarified that IIS is a site-deployed service | OPEN |
| 03/26 | EGI.eu/MD | Collect information from technology providers – EMI, IGE & beyond – as to the brokering systems and characteristics/features for UCST  *20/05: keep open* | OPEN |
| 04/04 | EGI.eu/TF | To run a survey to understand the weighed interest of batch systems by sites  *TF mentioned that this cannot be extracted automatically, need more time*  *BK stated that NorduGrid run survey on what batch systems are used and which would be interesting to be used; (PBS, SLURM; nobody using Condor)*  *20/05: keep open. Survey underway within the OMB.* | OPEN |
| 04/06 | EMI/BK | Verify the issue of info providers not extracting consistent information, (e.g. the installed software version number)  *20/05: AM clarified that this it is a major issue; TF: mentioned that it an analysis of the information that need to be fixed was performed; the information of installed software is very important; SN: EMI should identify what can do both in the short-term (fix published information) and long-term issue of what EMI can do; short-term issue on how to fix published information; TF: for gLite 3.2 will open GGUS ticket on services which are considered not correct (****action 06/01****); for EMI, it should be EMI task SN: (****action 06/02****) establish a long-term working group orthogonal to TechProviders* | ~~OPEN~~  CLOSED |
| 04/07 | All | Review communication channels within NGIs (especially large) and their capabilities to properly report to EGI.eu  *To be raised at council and PMB*  *20/05: keep open* | OPEN |
| 05/01 | EGI.eu/SB | Track evolution of requirements about error messages and identify potential groupings into categories  *20/05:* the grouping into categories was implemented by the container tickets. | ~~NEW~~  CLOSED |
| 05/02 | EMI | Document which components have documentation on error messages  *20/05: keep it open* | NEW |
| 05/03 | IGE | Document which components have documentation on error messages  *20/05: SC: there is a list from Globus website; http://www.globus.org/toolkit/docs/5.0/5.0.3/user/#errors*  *SB will circulate to Torsten in order to ensure visibility;*  *Closed for release 5.0.3* | ~~NEW~~  CLOSED |
| 05/04 | EMI/BK | Provide the consolidated list of new features in EMI 1  *AM: for end-users no real new features; main changes for packaging and deployment; info attached in the EMI release announcement*  *http://www.eu-emi.eu/emi-1-kebnekaise* | ~~NEW~~  CLOSED |
| 05/05 | EMI/BK | To send back to product group a message to reinforce the importance of being  *20/5: closed for lack of more details on the action* | ~~NEW~~  CLOSED |
| 05/06 | EMI/BK | To provide an email before each TCB meeting containing the new features in the next software components release  *20/05: keep it open* | NEW |
| 05/07 | IGE/HH | To send an XML document example of GLUE 2.0 info as published by the Globus computing  *20/05: keep it open* | NEW |
| 05/08 | IGE/SC | To provide a plan for implementation on the information service  *20/05: keep it open; good input in the discussion on working group for info service* | NEW |
| 05/09 | EGI.eu/SB | Add new column to UCB Priority topics document for technology provider  *20/05: done* | ~~NEW~~  CLOSED |
| 05/10 | EMI/BK | Send a list of components for which training of user communities can be useful (especially those with a public interface)  *20/05: keep it open* | NEW |
| 05/11 | IGE/SC | Send a list of components for which training of user communities can be useful (especially those with a public interface)  *20/05: keep it open* | NEW |

# ITEMS OF BUSINESS

Steven welcomes Ales Krenek/CESNET as new EGI DMSU Leader.

## Feedback on EMI analysis and prioritization of EGI requirements

PS added in the agenda a link to a wiki page containing a summary of the tickets that are of interest;

<https://wiki.egi.eu/wiki/TCB_20_May_Requirements>

PS went through the tickets and focused mainly on 1388 and 1202; in the future, more tickets will be added if they get answers from NGIs; at the end of the page, there are two new requirements to be considered; TF: reinforced the importance for the documentation on migrating all stateful services and cannot make any prioritisation between the services; AM: the general statement is that there is no upgrade path excepted when described; TF: clarified that this is a different issue, e.g., if you have a DB to be reinstalled, how do you port the old data; existing information that needs to be preserved; suggestion is to go back to site manager and ask where the upgrade information is lacking and this should be tracked as high priority; (**action 06/03 on TF to provide more info for 1388**); TF also highlighted that it should not be assumed that site admin have gLite 3.2; many sites still use gLite 3.1;

SN: other issue on the common logging format, maybe a similar working group as planned in action 06/02 should be formed in order to identify requirements across all middleware providers (**action 06/04**)

AM: problem in considering requirements that were injected in savannah and other places before EGI but never addressed; TF: discussed this issue during the last OMB, will reopen requirement gathering process and suggest to inject requirements that were targeted for EGEE and not addressed; this will be broadcasted as wide as possible so that all parties are reached; deadline will be end of June;

TF: asked AM where it is possible to access requirements fed directly to EMI; SN: action to all TechProviders to send link and credentials to their Requirements gathering tool:

* EMI Requirement Tool: <https://savannah.cern.ch/task/?group=emi-req>
* IGE Requirement Tool: <http://rt.ige-project.eu/rt/>
* SAGA Requirement Tool: [http://faust.cct.lsu.edu/trac/saga](http://faust.cct.lsu.edu/trac/saga/" \t "_blank)

## Review of new requirements

TF/PS: New requirements are presented as summarized in the wiki page

<https://wiki.egi.eu/wiki/TCB_20_May_Requirements#New_requirements>

SB: no new requirements from UCB; SN: the DMSU is a resource for EGI to provide additional technical expertise to understand requirements from other communities, therefore if you have issues, you can consult it. TF: pointed out to AK that there is lack of expertise on batch system functionalities, till now solved through friends; AK said that for sure DMSU can provide support for PBS; will investigate for LSF (**action 06/06**)

## Feedback of other Technology Providers on EGI Requirements

No particular record

## UMD Release Plan

MD presented the document; TF mentioned that StoRM is late but could enter if the release is late. General discussion to identify what the bottleneck is (staged rollout vs criteria verification); understanding that given people have expertise on a certain middleware, dropping a component from one middleware (e.g. UNICORE) does not free resources for another (e.g. EMI);

MD: DPM mentioned that may be dropped if necessary mostly for license issue; (LSF integration with CREAM); in the verification team nobody has license for LSF. TF: StoRM and User Interface reinforced that would be nice to be seen earlier; (**action 06/07)** MD**:** Would like to know what platforms will be supported by IGE; at the moment IGE and EMI are disjointed; (**action 06/08)**

## Report on Virtualisation Workshop

SN: formal notes of the report coming in two weeks; AM: would like to have virtualised facility. Discussion move to the issue of info discovery and model requirements for Cloud as an example of activities to perform; it leads to the idea of suggesting to organise an information discovery day to increase awareness of importance and issues on the information discovery, data measurement and so on

## Monitoring the SLAs

SA went through the presentation; no major comments

## AOB

None

There being no further business, the meeting concluded at 11:57.

# Date for Next Meeting

To be planned for first week of August 2011; a doodle will be sent later

# ACTIONS

|  |  |  |  |
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| 03/15 | EGI.eu/MD  EGI.eu/TF | Explain how EGI software repository can be used by sites for software installation and clarify the sources of software; collect news stories about deploying UMD 1.0 pre-release from operation team and feed to dissemination team to be disseminated at EGI User Forum (merged from 3/19)  *No dedicated document; EMI->UMD; to be discussed in SA2 F2F meeting*  *20/5: keep it open* | OPEN |
| 03/22 | EGI.eu/MD | EGI-InSPIRE D5.4 to be improved to contain a more clear vision on future evolution of UMD Roadmap; add Collaborative Roadmap vision  *20/5: stay open* | OPEN |
| 03/25 | EGI.eu/MD | To add roadmap for standards adoption in UMD roadmap (probably version D5.4)  20/5: stay open; TF asked about UMD roadmap and Globus; UMD roadmap defines protocols for info discovery, Globus is going to release IIS which does not provide the identified protocol; SN: should for Globus and UNICORE to publish in BDII or it is acceptable? TF: we should avoid creating islands of information; TF: the UMD roadmap should define a vision in the integration of the info discovery and data; SC clarified that IIS is a site-deployed service | OPEN |
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| 04/07 | All | Review communication channels within NGIs (especially large) and their capabilities to properly report to EGI.eu  *To be raised at council and PMB*  *20/05: keep open* | OPEN |
| 05/02 | EMI | Document which components have documentation on error messages  *20/05: keep it open* | OPEN |
| 05/06 | EMI/BK | To provide an email before each TCB meeting containing the new features in the next software components release  *20/05: keep it open* | OPEN |
| 05/07 | IGE/HH | To send an XML document example of GLUE 2.0 info as published by the Globus computing  *20/05: keep it open* | OPEN |
| 05/08 | IGE/SC | To provide a plan for implementation on the information service  *20/05: keep it open; good input in the discussion on working group for info service* | OPEN |
| 05/10 | EMI/BK | Send a list of components for which training of user communities can be useful (especially those with a public interface)  *20/05: keep it open* | OPEN |
| 05/11 | IGE/SC | Send a list of components for which training of user communities can be useful (especially those with a public interface)  *20/05: keep it open* | OPEN |
| 06/01 | EGI/TF | Open GGUS tickets to EMI to notify which information needs to be fixed in the info service | NEW |
| 06/02 | EGI/SN | To establish a working group on information discovery to address both short-term and long-term issues related to the info services across the various technology providers | NEW |
| 06/03 | EGI/TF | Ask site managers which stateful services need documentation for upgrade to EMI 1.0 and report to TCB/EMI as integration of ticket 1388 | NEW |
| 06/04 | EGI/MD | Evaluate if it makes sense to establish a working group on logging format to address both short-term and long-term issues related to logging messages across the various technology providers | NEW |
| 06/05 | EGI/TF | To reopen requirement gathering process and broadcast message as wide as possible to be able to collect existing requirements injected in other systems but never ported into EGI (e.g., CERN savannah) | NEW |
| 06/06 | EGI/AK | Investigate if DMSU can provide consultancy on LSF | NEW |
| 06/07 | EGI/TF  EGI/MD | TF: Provide a list of priorities for EMI 1.0 MD: to check which can be handled | NEW |
| 06/08 | IGE/SC  EGI/OMB | Provide feedback on which platform are needed for the IGE Globus release; also understand if a working release of IGE with no accounting capabilities can be made available for preview and then solve the accounting issue later | NEW |
| 06/09 | EGI/MD | Evaluate the option to organise a federated information workshop day to raise awareness of importance and clarify the issues on information discovery for Grid/Clouds services, what information to publish, dynamic vs. static information, quality of published data, etc. | NEW |

Minutes prepared by Sergio Andreozzi, 24.05.2011

Minutes Approved TCB Chair Steven Newhouse

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