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<b>Meeting:</b>	Technology Coordination Board (TCB)
<b>Date and Time:</b>	Friday 20 May 2011 - 9:00-12:00
<b>Venue:</b>	Telecon, Amsterdam, Netherlands
<b>Agenda:</b>	<a href="https://www.egi.eu/indico/event/464">https://www.egi.eu/indico/event/464</a>

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## Participants

<b>Name and Surname</b>	<b>Abbr.</b>	<b>Representing</b>	<b>Membership</b>
<b>Steven Newhouse</b>	SN	EGI.eu CTO	Member & Chair
<b>Tiziana Ferrari</b>	TF	EGI.eu COO	Member
<b>Peter Solagna</b>	PS	EGI.eu Operations Officer	Member
<b>Stephen Brewer</b>	SB	EGI.eu CCO	Member
<b>Michel Drescher</b>	MD	EGI.eu Technical Manager	Member
<b>Sergio Andreozzi</b>	SA	EGI.eu Policy Development Manager	In attendance (secretary)
<b>Ales Krenek</b>	AK	EGI DMSU Team Leader	Member
<b>Kostas Koumantaros</b>	KK	EGI Software Repository Task Leader	Observer
<b>Alberto Di Meglio</b>	AM	EMI	Member*
<b>Steve Crouch</b>	SC	IGE	Member* (deputy)
<b>Andre Merkzy</b>	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	<p>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)</p> <p><i>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 &amp; beyond – as to the brokering systems and characteristics/features);</i></p> <p><i>TF: survey based on info service, 135 WMS instances are in production;</i></p> <p><i>20/5: no updates from last UCB, EMI will provide documentation on installation scenarios for WMS</i></p>	<p><del>OPEN</del></p> <p>CLOSED</p>
03/07	EGI.eu/SB	<p>Go back to user communities about better error messages request and ask for specific requirements, not just generic</p> <p><i>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)</i></p> <p><i>20/5: closed as there is no follow up from UCB</i></p>	<p>OPEN</p> <p>CLOSED</p>
03/10	EMI/AM	<p>To provide a list of components for which EMI needs collaboration from EGI sites for scalability testing.</p> <p><i>Document available (see agenda) operations to match up with sites before closing the action.</i></p> <p><i>20/5: TF provided the list to Florida/EMI; they have deadline to participate in it</i></p>	OPEN

<b>03/12</b>	EMI/CA EGI.eu/MD	<p>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</p> <p><i>Report is pending, IGE provided list of a first draft of their distribution delivery to EGI, analysis and processing is pending.</i></p> <p><i>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: <a href="https://documents.egi.eu/document/479">https://documents.egi.eu/document/479</a></i></p>	<del>OPEN</del> CLOSED
<b>03/15</b>	EGI.eu/MD EGI.eu/TF	<p>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)</p> <p><i>No dedicated document; EMI-&gt;UMD; to be discussed in SA2 F2F meeting</i></p> <p><i>20/5: keep it open</i></p>	OPEN
<b>03/16</b>	EGI.eu/SB	<p>Investigate training requirements <del>related to new EMI 1.0 release</del></p> <p><i>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)</i></p> <p><i>20/5: list provided by EMI/IGE</i></p>	<del>OPEN</del> CLOSED
<b>03/22</b>	EGI.eu/MD	<p>EGI-InSPIRE D5.4 to be improved to contain a more clear vision on future evolution of UMD Roadmap; add Collaborative Roadmap vision</p> <p><i>20/5: stay open</i></p>	OPEN
<b>03/25</b>	EGI.eu/MD	<p>To add roadmap for standards adoption in UMD roadmap (probably version D5.4)</p> <p><i>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</i></p>	OPEN
<b>03/26</b>	EGI.eu/MD	<p>Collect information from technology providers – EMI, IGE &amp; beyond – as to the brokering systems and characteristics/features for UCST</p> <p><i>20/05: keep open</i></p>	OPEN

<b>04/04</b>	EGI.eu/TF	<p>To run a survey to understand the weighed interest of batch systems by sites</p> <p><i>TF mentioned that this cannot be extracted automatically, need more time</i></p> <p><i>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)</i></p> <p><i>20/05: keep open. Survey underway within the OMB.</i></p>	OPEN
<b>04/06</b>	EMI/BK	<p>Verify the issue of info providers not extracting consistent information, (e.g. the installed software version number)</p> <p><i>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 (<b>action 06/01</b>); for EMI, it should be EMI task SN: (<b>action 06/02</b>) establish a long-term working group orthogonal to TechProviders</i></p>	<del>OPEN</del> CLOSED
<b>04/07</b>	All	<p>Review communication channels within NGIs (especially large) and their capabilities to properly report to EGI.eu</p> <p><i>To be raised at council and PMB</i></p> <p><i>20/05: keep open</i></p>	OPEN
<b>05/01</b>	EGI.eu/SB	<p>Track evolution of requirements about error messages and identify potential groupings into categories</p> <p><i>20/05: the grouping into categories was implemented by the container tickets.</i></p>	<del>NEW</del> CLOSED
<b>05/02</b>	EMI	<p>Document which components have documentation on error messages</p> <p><i>20/05: keep it open</i></p>	NEW
<b>05/03</b>	IGE	<p>Document which components have documentation on error messages</p> <p><i>20/05: SC: there is a list from Globus website; <a href="http://www.globus.org/toolkit/docs/5.0/5.0.3/user/#errors">http://www.globus.org/toolkit/docs/5.0/5.0.3/user/#errors</a></i></p> <p><i>SB will circulate to Torsten in order to ensure visibility;</i></p> <p><i>Closed for release 5.0.3</i></p>	<del>NEW</del> CLOSED
<b>05/04</b>	EMI/BK	<p>Provide the consolidated list of new features in EMI 1</p>	NEW



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		<i>AM: for end-users no real new features; main changes for packaging and deployment; info attached in the EMI release announcement</i> <i><a href="http://www.eu-emi.eu/emi-1-kebnekaise">http://www.eu-emi.eu/emi-1-kebnekaise</a></i>	CLOSED
<b>05/05</b>	EMI/BK	To send back to product group a message to reinforce the importance of being <i>20/05: closed for lack of more details on the action</i>	<del>NEW</del> CLOSED
<b>05/06</b>	EMI/BK	To provide an email before each TCB meeting containing the new features in the next software components release <i>20/05: keep it open</i>	NEW
<b>05/07</b>	IGE/HH	To send an XML document example of GLUE 2.0 info as published by the Globus computing <i>20/05: keep it open</i>	NEW
<b>05/08</b>	IGE/SC	To provide a plan for implementation on the information service <i>20/05: keep it open; good input in the discussion on working group for info service</i>	NEW
<b>05/09</b>	EGI.eu/SB	Add new column to UCB Priority topics document for technology provider <i>20/05: done</i>	<del>NEW</del> CLOSED
<b>05/10</b>	EMI/BK	Send a list of components for which training of user communities can be useful (especially those with a public interface) <i>20/05: keep it open</i>	NEW
<b>05/11</b>	IGE/SC	Send a list of components for which training of user communities can be useful (especially those with a public interface) <i>20/05: keep it open</i>	NEW

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## 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](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>



## 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](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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03/10	EMI/AM	<p>To provide a list of components for which EMI needs collaboration from EGI sites for scalability testing.</p> <p><i>Document available (see agenda) operations to match up with sites before closing the action.</i></p> <p><i>20/5: TF provided the list to Florida/EMI; they have deadline to participate in it</i></p>	OPEN
03/15	EGI.eu/MD EGI.eu/TF	<p>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)</p> <p><i>No dedicated document; EMI-&gt;UMD; to be discussed in SA2 F2F meeting</i></p> <p><i>20/5: keep it open</i></p>	OPEN
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03/26	EGI.eu/MD	<p>Collect information from technology providers – EMI, IGE &amp; beyond – as to the brokering systems and characteristics/features for UCST</p> <p><i>20/05: keep open</i></p>	OPEN
04/04	EGI.eu/TF	<p>To run a survey to understand the weighed interest of batch systems by sites</p> <p><i>TF mentioned that this cannot be extracted automatically, need more time</i></p> <p><i>BK stated that NorduGrid run survey on what batch systems are used</i></p>	OPEN

*and which would be interesting to be used; (PBS, SLURM; nobody using Condor)*

*20/05: keep open*

<b>04/07</b>	All	Review communication channels within NGIs (especially large) and their capabilities to properly report to EGI.eu  <i>To be raised at council and PMB</i>  <i>20/05: keep open</i>	OPEN
<b>05/02</b>	EMI	Document which components have documentation on error messages  <i>20/05: keep it open</i>	OPEN
<b>05/06</b>	EMI/BK	To provide an email before each TCB meeting containing the new features in the next software components release  <i>20/05: keep it open</i>	OPEN
<b>05/07</b>	IGE/HH	To send an XML document example of GLUE 2.0 info as published by the Globus computing  <i>20/05: keep it open</i>	OPEN
<b>05/08</b>	IGE/SC	To provide a plan for implementation on the information service  <i>20/05: keep it open; good input in the discussion on working group for info service</i>	OPEN
<b>05/10</b>	EMI/BK	Send a list of components for which training of user communities can be useful (especially those with a public interface)  <i>20/05: keep it open</i>	OPEN
<b>05/11</b>	IGE/SC	Send a list of components for which training of user communities can be useful (especially those with a public interface)  <i>20/05: keep it open</i>	OPEN
<b>06/01</b>	EGI/TF	Open GGUS tickets to EMI to notify which information needs to be fixed in the info service	NEW
<b>06/02</b>	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
<b>06/03</b>	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
<b>06/04</b>	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	NEW



logging messages across the various technology providers			
<b>06/05</b>	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
<b>06/06</b>	EGI/AK	Investigate if DMSU can provide consultancy on LSF	NEW
<b>06/07</b>	EGI/TF EGI/MD	TF: Provide a list of priorities for EMI 1.0 MD: to check which can be handled	NEW
<b>06/08</b>	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
<b>06/09</b>	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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