'Science Gateway primer' Virtual Team

Meeting	Cisco WebEx Conference
Date & Time	Friday 06 July 2012, 13:00 CEST / Call ended 13:45 CEST
Host	EGI.eu / Amsterdam, Netherlands

Participants

Name and Surname	Abbreviation	Community/Organisation
Nuno Ferreira	NF	EGI.eu, UCST
Gergely Sipos	GS	EGI.eu, UCST
Robert Lovas	RL	NGI_HU – NIL deputy, MTA SZTAKI
Giuseppe La Rocca	GR	University of Westminster, SCI-BUS
Ricardo Graciani	RG	University of Barcelona, DIRAC
Mariusz Sterzel	MS	NGI_PL - NIL, ACC Cyfronet
Muhammad Farhan Sjaugi	MFS	SCI-BUS subcontractor
Nikola Grkic	NG	*Observer*
Riccardo (Bruno/Rotondo ?)		
Roberto Barbera	RB	University of Catania and INFN
Shayan Shahand	SS	AMC, LSGC VRC

Agenda

1. Intro of new VT leader
2. Acceptance/amendment of minutes from previous meeting
3. Review tasks by task leaders
    a. Progress
    b. Plans
4. Discussion on new proposals/comments
    a. Proposal for new monitor task by Ricardo
    b. Comments for Primer ToC by Gergely
5. Admin issues
    a. How to/when report progress by task leaders?
    b. VT end date
6. Schedule of next meetings during the holiday season
7. Any other business

Notes

Intro of new VT leader

➢ Brief introduction by the VT leader Robert Lovas wishing success on the VT outcome.

Acceptance/amendment of minutes from previous meeting

➢ Minutes from the 2nd Science Gateway primer VT (SGP-VT) meeting were accepted.

Review tasks by task leaders

➢ **[RL]** Asked task leaders to summarize the progress of last two weeks and also to provide a brief summary of expected achievements for the following two weeks.

➢ **[RG]** Several comments were made about new topics that should be incorporated to the primer ToC. Today we should discuss these new items as well as which should be the mechanism to publish the ToC. One of the 1st suggestions was to publish it in the wiki but it remains to be explained who's allowed to edit the EGI wiki contents. For the next coming weeks we should identify people willing to contribute to the chapters of the primer, and provide draft text, or some bulleted items to start populating the primer. This could then be reviewed in the next VT meeting.

Action 03/01: all VT members to participate actively on the primer ToC

➢ **[RL]** Peter Kaszuk, not able to participate in today's meeting, left some notes about the Primer ToC topic:

   o Have a look at the [International Desktop Grid Federation roadmap](#). It is a comprehensive document that can provide some ideas. The roadmap also as a small group of editors responsible to bring together the roadmap. This approach could also be used by this VT.

   Action 03/02: [RL] to compare the IDGF roadmap with current primer Toc

   o It is important to find the core contributors for the Primer document to be produced.

➢ **[RL]** As previously suggested, we should also have a look at XSEDE.

- ➤ **[GS]** Suggests having the ToC in the VT wiki such that everyone can refresh the wiki. Drop an email to **[NF]** with your EGI SSO account name if you want to have edition privileges to the wiki, he will arrange that with the IT team.

  Action 03/03: all VT members who wish to actively contribute to the primer should send their EGI SSO account name to [NF].

  Action 03/04: [NF] to arrange access to the VT wiki pages to VT members from action 03/03

Discussion on new proposals/comments

- ➤ **[GS]** Some more topics to be included in the primer were sent through the VT mailing list. These topics should be included in the ToC for the moment and later we can decide if they are relevant or not for the Primer. At this time we should concentrate in gathering important topics both for portal developers and portal operators. I'll add these topics to the ToC in the wiki (covered by action 03/04)
- ➤ For the record **[GS]** proposed topics are:
    - o How to keep track of user identities and activities inside the portal and on the grid (as requested by the EGI policies!)
    - o How to integrate EGI portals with identity federations
        - ▪ Generic tasks in identity federation interfacing
        - ▪ Pointers to technical solutions and technical support
    - o Building portals from reusable components
        - ▪ Using portlets - are portlets really reusable?
    - o How to integrate portals with EGI monitoring system
    - o How to integrate portals with EGI accounting system
        - ▪ Accounting through Certificate DNs?
        - ▪ Accounting inside the portal?
- ➤ **[RL]** Agrees with this strategy of including such topics to the ToC. Operations topics are really welcome into this document, and there are VT members with experience in these topics like [RB] with identity federation and other topics. I want to have **[RB]** feedback for the ToC as well.
- ➤ **[GS]** Regarding the XSEDE gateways mentioned in the previous minutes, though in a different context, I suggest **[NF]** to take as a task to have a look at the XSEDE Gateways documentation available in their website, and gather relevant topics to be incorporated as well in the Primer ToC.

  Action 03/05: [NF] to check XSEDE Gateways webpages and check if there are relevant topics to be incorporated to the Primer ToC.

- ➤ **[RG]** Regarding XSEDE, in the last minutes it was mentioned that the VT team should have a look at the table where XSEDE developers collected useful software from their point of view that is pertinent to the Science Gateways field. Though the contents of that XSEDE table is old, we

should have a look at it and take from it ideas on how we could incorporate into our Primer a list of valuable tools that can be used for different purposes under the context of a Science Gateway.

- ➢ **[RG]** About the different items mentioned by **[GS]**:
    - o Identity federation must be covered in the Primer.
    - o Concerning the re-use of components, we agreed in the last meetings that the primer would have a section dedicated to frameworks. There are frameworks that are re-usable. But at the same time it was mentioned in previous meeting while discussing the idea of having a list portlets (some probably re-usable), we decided at some point that it is outside of the scope of this VT.
    - o Concerning the monitoring topic, we need to include this topic at the framework section about the capability on monitoring.
    - o On the accounting topic, the question is how to implement it. Each portal should have an internal accounting mechanism, but publishing this info to the EGI Accounting Portal can be complicated. We need to understand what this actually means.
- ➢ **[GS]** For example, if a portal is associated to a robot and jobs are sent using the robot certificate, in the EGI accounting portal it is recorded a single load of jobs coming from the robot. Can we developers distinguish the load by user? Can we use VOMS roles on top of the robot certificate for that, such that at the infrastructure level accounting we see the load per individual user. This is just an idea. Is it needed? Do you use in any way in your software?
- ➢ **[RG]** We started discussions with CESGA about this topic as well to a portal which is using a generic robot certificate. This needs to be discussed and probably should not be in the goals of this primer because this user level accounting using robot certificates is immature.
- ➢ **[GS]** Stating this immature level on accounting jobs per user while using robots is already knowledge that should be written in the Primer. The purpose of this document is to capture the knowledge such that developers can use it. Later, initiatives like projects can build on the gathered knowledge and develop those immature ideas. We should describe what is available and existing limitations.
- ➢ **[RL]** I agree. We should capture the state of the art of current technology.
- ➢ **[RB]** Accordingly with the traceability policies from EGI, all EGI portals should keep track of the users. In our case it is used for accounting purposes. The different frameworks available should state how they keep track of the users, and we should explore how we could have a common structure to keep track of users using different science gateways.
- ➢ **[RL]** This topic on accounting should then be kept in the Primer ToC.
- ➢ **[RL]** About the proposal from [RG] on the development of Science Gateway monitoring probes, if it should be also part of the scope of the VT or not. I discuss this topic with [PK] as well. We should keep the focus on the primer. Opinions from the VT members?
- ➢ **[GS]** We need to describe the monitoring for the primer as a 1st step. Is there a solution? If there's not a solution, what could be a solution? So I suggest focusing on the primer. Based on the outcome we can than fork the work to other VT for example.

- ➤ **[RG]** It is reasonable. If we think that this would be done, then we should bring other people we are already in contact with (CESGA) to participate in this VT to raise their awareness of what's happening.
- ➤ **[RL]** I suggested to [NF] to have a matrix table of VT member vs task(s) such that people could tick which tasks they compromise to participate actively. Is this table already online?
- ➤ **[NF]** No.

  Action 03/06: [NF] to build a matrix with VT member vs task to have a proper management of the contributions to the Primer.

Admin issues

- ➤ **[RL]** Is there a suggestion about how task leaders and the VT leader should report to EGI-InSPIRE NA2 leaders?
- ➤ **[NF]** Every week the VT leader needs to report, even if there's no progress. You can use the template that I was using (available in some emails I CCed the VT mailing list). And the task leaders should report to the VT leader on time.
    - o VT leader: reports every Friday to NA2
    - o Task leaders: report every Thursday to the VT leader.
- ➤ **[RL]** About the end of the VT.
- ➤ **[NF]** The end date should be somewhere up to 15 November 2012.
- ➤ **[RL]** I think we need all the time available taking into consideration the amount of work I estimate to be done. The end of the VT will be then on the 15 November.

Schedule of next meetings during the holiday season

- ➤ **[RL]** About the scheduling of the next meetings. I suggest every two weeks.
- ➤ **[GS]** Two weeks seems to be fine. In the next meeting we should have the ToC ready and discuss it and allocate section for authors.

Any other business

- ➤ None.

Action summary

ID	Resp.	Description	Status[1]
03/01	all	VT members willing to contribute to the Science Gateway primer table of contents should provide their comments in the next 2 weeks to start populate the primer.	NEW
03/02	RL	Compare the IDGF roadmap with current primer ToC and check if there's relevant topics that should be included in the primer.	NEW
03/03	all	VT members who wish to actively contribute to the primer should send their EGI SSO account name to [NF].	NEW
03/04	NF	Arrange access to the VT wiki pages to VT members from action 03/03	NEW
03/05	NF	Check XSEDE Gateways webpages and check if there are relevant topics to be incorporated to the Primer ToC.	NEW
03/06	NF	Build a matrix with VT member vs task to have a proper management of the contributions to the Primer.	NEW

Next meeting

To be decided in the following doodle poll: http://www.doodle.com/6f293t8immfnguyr

Please complete the poll by the end of business day on the 11th July 2012.

WebEx meeting details (or other platform) will be sent afterwards.

Post-Mortem

---

[1] NEW, OPEN, CLOSED, REJECTED