1ˢᵗ EGI CMMST VT meeting

19 February 2013

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Purpose of this meeting

- The VT projects and the CMMST VT
- How to establish a Virtual Research community
- Tasks and Milestones of the CMMST VT
- Preliminary meeting
- Volunteers for VT tasks leaders
- Planning activities for tasks 1
- Plan of WebEx conferences
- Administrative aspects (if any, by Richard McLennan)

Virtual Teams in EGI

- Goal
  - Gather (rapidly) on the grid the members of a community
  - Increase the quality of such community
- Focus
  - Design the related road map by setting a well-defined series of tasks and milestones
- Activity domains
  a) Marketing & Communication
  b) Strategic Planning and Policy Support
  c) Community outreach and events for new users
  d) Technical outreach and support to new communities

Why a VT for CMMST

- The present EGI VT project aims at investigating services and organisational possibilites on which build a sustainable Virtual Research Community (VRC) that could represent the Chemistry, Molecular & Materials Science and Technology (CMMST) community within the European Grid Infrastructure collaboration.

- VRCs are groups of like-minded individuals organised by discipline or computational model which
  - can establish a support relationship with EGI
  - represent well-defined scientific research communities
  - can benefit from the resources and support available within the National Grid Infrastructures (NGI)
  - can receive support on resolving specific technical issues with EGI services
  - are involved in the user-focused evolution of EGI's production infrastructure

How to establish a VRC

- Develop a plan aimed at assembling a VRC out of the existing CMMST oriented EGI VOs covering the following aspects
  - Investigation of applications (e.s GEMS), tools and other resources and services that NGIs and projects of EGI provide
  - Identify tools, services and resources that the VRC needs to develop or bring into EGI in order to operate as a sustainable entity for the CMMST scientific community.

- Develop a proposal to establish a new CMMST VRC in EGI defining
  - the technical aspects
  - the organisational model
  - the funding model

Status of the VT

- VT submitted for approval in October 2012
- Approved by EGI in January 2012
- Call for interest for NGIs and partners started at the beginning of February
- Official starting date: February 4th 2013
- Official closing date: August 5th 2013
- CMMST-VT mailing list:
  - vt-cmmst-vrc@mailman.egi.eu
- Wiki page:
  - https://wiki.egi.eu/wiki/Towards_a_CMMST_VRC

Tasks of the CMMST VT

N	Topic	Task
1	How to exploit the capabilities of the existing EGI tools in building distributed workflows and "workflows of workflows" from various software packages	Task 1
2	How to exploit the capabilities of the existing EGI tools for distributing runs of CMMST applications on EGI and PRACE platforms	Task 2
3	How to attract more CMMST users into a common endeavour offering the possibility of assembling higher level of complexity applications and services	Task 3
4	How to utilize a credit system to encourage CMMST users to cooperate in developing higher level of complexity applications	Task 4
5	How to develop a coordinated management body for such endeavours and configure a Virtual Research Community (VRC).	Task 5
6	How to operate the EGI VRC in a sustainable way	Task 6

Milestones of the VT

	Outcome	Means of delivery	Time of delivery (after VT start)	Task Leader
M 1	The list of technical and non-technical topics that the project should investigate. Each topic is allocated to an individual or to a team with a leader from the VT.	Investigation planning document	1 month	Each topic is allocated to an individual or to a team with a leader from the VT.
M 2	Outcome of the technical and non-technical investigations are integrated into the first draft of the VRC plan	VRC proposal document (draft version)	4 months	The draft is restricted to the project leader

Milestones of the VT

	Outcome	Means of delivery	Time of delivery (after VT start)	Task Leader
M 3 M 4	Integrated draft reviewed and commented	VRC proposal document (draft version)	4.5 – 5.5 months	VT leader
M 5	Final draft – a proposal for the setup of a CMMST VRC in EGI	VRC proposal document (public version)	6 months	VT leader

VT startup phase

- Preliminary teleconference held on Feb 7th (Antonio, Gergely, Richard, Alessandro)
- Topics raised from the discussion
  - The GEMS simulator (task 1)
    - Brief description of GEMS (training needed?)
    - Packages that have to be part of the simulator
    - List of the people that can contribute on task 1
  - Task 1 and 2 needs of leader delegation between participants
    - Essential to cover all the topics mentioned in the tasks
    - Delegation list (person-task) have to be addressed
  - Unique leader for the tasks 3, 4, 5 and 6 (A. Laganà)
  - All people interested to join the VT are requested to register their name on the VT wiki page

Proposed meetings (Tuesday 11-13)

T	February			March			April			May			June			July			August	
	12	19	26	12	19	26	16	23	30	14	21	28	11	18	25	16	23	30	2	9
M		**W**			**W**			**W**			**W**			**W**			**W**		**W**	
M1																				
M2																				
M3																				
M4																				
M5																				

W WebEx conference

Closing

- Emerging issues and AOB
- Next meeting
  - Date : *Tuesday 19 March*
  - Purpose:
    - Task 1 / M 1 – Investigation Planning Document (IPD) & progress status
    - Task 2 / M 2 – Starting integrating IPD in the VRC proposal
  - Actions for the next meeting
    - Action 1
      - Description:
      - In charge to:
    - Action 2
      - Description:
      - In charge to:
    - Action 3
      - Description:
      - In charge to: