EMI Collaboration and Tasks

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Content

- EMI Collaboration Plans
- Global Tasks
- Collaboration Scenarios

Sustainability and Exploitation

- Elements of the plan:
  - EMI Collaboration (products and common tasks)
  - Exploitation of products and deployment in existing infrastructures
  - Search for new collaborations (includes ScienceSoft)
  - Commercial exploitation
- Implementation started in year 2
- EMI Collaboration now
- More about the rest in Morris' presentation

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Collaboration planning

Phase 0: Produce a survey of the products currently supported within EMI with "statements of support" from the partners beyond the end of the EMI project. The survey was produced at the beginning of 2012 and approved by the partners in May 2012. A summary is available in Appendix A of this document.	**Done**
Phase 1: Produce a list of the global tasks performed by the partners across or in support of the development activities of the Product Teams and come to an agreement about which tasks if any is required beyond the end of the EMI project	In progress
Phase 2: Discuss of the possible forms of collaboration among the partners (or a subset of them) and possibly additional parties beyond the end of the project to run the agreed tasks and provide long-term coordination.	In progress
Phase 3: Transition to the agreed structure by the end of the EMI project in April 2013.	Not started

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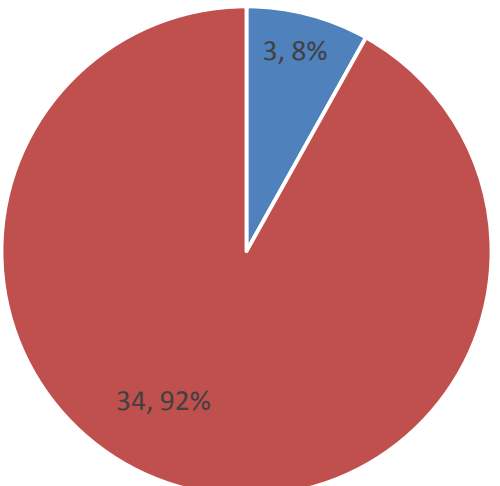
Global tasks

EUROPEAN MIDDLEWARE INITIATIVE

Task name	Description	Partners	Effort (FTE/y)
Technical coordination	This task consists in the high-level technical coordination of development and maintenance activities across all technical areas and Product Teams. It includes overall coordination and requirement gathering activities, management of relationships with external technical bodies, area specific coordination for Job Management, Data Management, Security and Infrastructure services, standardization, and internal cross-PT coordination	LU, UIO, INFN, DESY, UH, CERN	4
Release management	This task consists in the coordination of the certification and release procedures of the individual Product Teams as part of the overall EMI distribution. It includes the coordination or any practical technical issues concerning integration and compatibility of releases of the different components	INFN	1
Repository management	This task consist in the management and configuration of the common EMI repository. The main repository contains all packages released by EMI for each separate distribution (EMI 1, 2 and 3), the test repositories are used for intermediate certification and testing activities. This task includes the management of the repositories and all publishing and configuration activities for all supported platforms	INFN, CERN	0.2
Certification testbed	This task consists in the setup, management and monitoring of the distributed testbed used by Product Teams to test and certify their products.	INFN, CERN, CESNET, JUELICH, UPJS	2
Software Engineering coordination	This tasks consists in the identification, development, maintenance and support of any software tool needed to support the distributed software engineering and QA activities (build, test, metrics collection, reporting, etc.)	CERN, CINECA, GRNET, INFN, UPJS	3
Quality assurance coordination	This tasks consists in the definition and maintenance of the quality assurance policies and metrics to be applied to the software engineering activities of EMI Product Teams. It also includes the identification, development.	CERN, CINECA, INFN, TCD, UCPH, UPJS	2.5
Quality control coordination	This task consists in the definition, monitoring and reporting of the quality control activities. This includes the preparation of periodic reports on the status of the product teams in complying with the quality assurance procedures and other software engineering or functional requirements	CINECA	1
User support coordination	This task consist in the coordination of the interface between the EMI PTs as third-level technical support and the EGI second-level support and the monitoring of service levels (mainly response times). It also includes the coordination with the GGUS developers.	INFN, JUELICH	1
Dissemination	This task consists in the dissemination of results and information about the EMI activities. It includes organization of events and event participation, collection and publication of articles, the public web site, etc	JUELICH, INFN, NIIFI, TCD, UIO, UWAR, AS	2.5
Training coordination	This task consists in the coordination of training activities within EMI and with external projects, the organization of training sessions, online material and training statistics (attendance, satisfaction, etc.)	TCD, INFN	1.3
Sustainability and exploitation	This tasks includes all the activities to define and implement long-term strategies, collaborations, scientific and commercial exploitation, relationships with standardizations bodies, etc.	JUELICH, INFN, NIIFI, SWITCH, UIO, UWAR, AS	2
Overall project coordination	This tasks include the overall administrative coordination, project management, relationship management with other projects and the funding bodies	CERN	2
Total			22.5

Survey results

Responses



Argus
Delegation Java
Trustmanager

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Survey results

Distributions and repositories: Java

2. Is your product Java-based? Create Chart Download

	Response Percent	Response Count
Yes	35.3%	12
No	64.7%	22

3. Are you contributing or planning to contribute your products to the Maven central repository? Create Chart Download

	Response Percent	Response Count
Yes	38.5%	5
No	38.5%	5
I don't know	23.1%	3

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Survey results

Distributions and repositories: EPEL, Debian

7. Are you contributing or planning to contribute your products to the EPEL repository?

Create Chart Download

	Response Percent	Response Count
Yes	**64.7%**	**22**
No	23.5%	8
I don't know	11.8%	4

11. Are you contributing or planning to contribute your products to the DEBIAN repository?

Create Chart Download

	Response Percent	Response Count
Yes	**47.1%**	**16**
No	32.4%	11
I don't know	20.6%	7

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Survey results

Distributions and repositories: EMI

15. Would you consider useful to have a common EMI repository after the end of the EMI project?

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	Response Percent	Response Count
Yes	55.6%	10
No	44.4%	8

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Survey results

Software Engineering and QA

17. Do you plan to collect Quality Assurance and software metrics after the end of EMI?

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	Response Percent	Response Count
Yes	67.6%	23
No	32.4%	11

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Survey results

Technology, platform support

18. Are your products IPv6 compliant? Create Chart Download

	Response Percent	Response Count
Yes	79.4%	27
No	2.9%	1
I don't know	17.6%	6

20. If one or more of your products come with NAGIOS probes, will you keep maintaining and extending them after the EMI project? Create Chart Download

	Response Percent	Response Count
Yes	73.5%	25
No	11.8%	4
Not sure yet	14.7%	5

Survey results

Technology, platform support

21. Are you planning to support more than one major version of your products after the end of the EMI project? Create Chart Download

	Response Percent	Response Count
Yes	**41.2%**	**14**
No, only the latest major version	32.4%	11
Not sure yet	26.5%	9

22. Do you plan to add support for additional platforms after the end of EMI? Create Chart Download

	Response Percent	Response Count
Yes (please specify which ones in the text box)	44.1%	15
No and I will probably drop some of the existing ones (please specify which ones in the text box)	0.0%	0
No, I will stay with the current platforms	**55.9%**	**19**

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Survey results

Requirements and user support

23. Do you plan to keep using GGUS after the end of EMI and provide 3rd level support for EGI?

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	Response Percent	Response Count
Yes	55.9%	19
No	2.9%	1
Not sure yet	41.2%	14

25. Are you planning to work directly with EGI on requirements collection and prioritization?

Create Chart | Download

	Response Percent	Response Count
Yes	23.5%	8
No	17.6%	6
I don't know	58.8%	20

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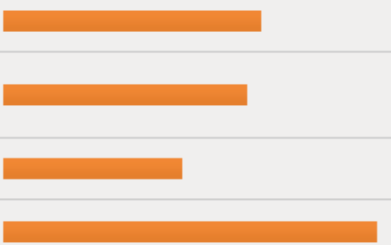
Survey results

Requirements and user support

26. How will you announce new releases? (Select all that apply)

Create Chart | Download



	Response Percent	Response Count
My own announcement mailing list	58.8%	20
Through the standard EPEL, Debian, etc. channels	55.9%	19
EGI AppDB	41.2%	14
ScienceSoft (assuming it is there)	**85.3%**	**29**
Other (please specify) Show Responses	50.0%	17

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Survey results

Requirements and user support

27. How will documentation be available? (select all that apply)

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	Response Percent	Response Count
On the product web site	**94.1%**	**32**
In an official Open Access documentation repository	17.6%	6
From links to the product web site in ScienceSoft, SourceForge, etc.	61.8%	21
Other (please specify) Show Responses	41.2%	14

Survey results

Collaborations

24. What form of collaboration your Institute plans to have with EGI or with user communities after the EMI project?

Create Chart | Download

	Response Percent	Response Count
I'd like a longer-term EMI Collaboration to take care of that	11.8%	4
My own formal SLA with definitions of Service Levels and Response times	5.9%	2
An informal best effort collaboration	8.8%	3
No definite plan for now	23.5%	8
Other (please specify) Show Responses	50.0%	17

Alternative collaboration replies

- If an existing MW collaboration exists, that collaboration should take over
- If a strong user community exists, I will work as part of it and do what I'm asked to do
- The decision should be taken at a different level (Institutes, NGIs, etc)

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Collaboration models

- Formal collaboration
  - Governance, activities, resources agreed among members and formalized by a “collaboration agreement”
- Technical coordination
  - High-level coordination of technical activities, can include common services (release, repository, etc.) on a shared, best-effort basis; can keep EMI branding
- No explicit coordination
  - Independent Product Teams, self-coordination or external coordination (by user communities)

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EGI and WLCG

- EGI
  - Can take up some of the global tasks and also some of the “core” services, can provide some level of funding
- WLCG
  - Is working on its post-EGI/EMI strategy, software lifecycle and operational activities being discussed

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EGI Scenario

UMD PT Type	MoU	SLA	PT QA	EGI.eu V & SR	Defined 3rd Line	URT	Benefits from EGI.eu
Integrated PT	Y	Y	Y	Y	Y	Y	Y
Contributing PT	Y	Expected	Y	Equivalent	Expected	Y	Limited
Community PT	N	N	Optional	Optional	Optional	N	N

- Integrated PTs
  - Information discovery (BDII, EMIR), VOMS, ARGUS; Community Platforms; STS
  - Community Platforms:
    - *ARC, Unicore, CREAM, MPI,WN, UI,L&B, proxyrenewal, dCache, StoRM, DPM, Hydra, AMGA, LFC, WMS, FTS*

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EGI Scenario

- Global tasks
  - Technical Coordination
    - *A monthly open 'UMD Coordination' meeting involving PTs involved in UMD (integrated and contributing PTs)*
  - Release Management
    - *Provided across the PTs part of the Integrated and Contributed sections in the UMD release by UMD Release Team (URT)*
  - Repository Management
    - *UMD Repository (possibly extended as necessary).*

EGI Scenario

- Global tasks
  - Certification Testbed
    - *Based on CESGA virtualized testbed*
  - Quality Assurance Coordination
    - *The mature and stable QA documents produced during EMI would be reviewed by EGI.eu and incorporated into its own QA documents*
  - User Support Coordination
    - *Can be transferred to the SA1.7 teams for the software that is supported within UMD*

EMI Legacy

- EMI Architecture document
  - A “descriptive” document about the EMI services and how they work together. It can be done in subsets
- Technical Development Plan, EMI Strategy document
  - Two “prescriptive” documents defining our recommendations for the future evolution of the middleware

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