



EUROPEAN MIDDLEWARE INITIATIVE

European Middleware Initiative (EMI)

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NA2 Leader

NA2 Objectives

- Make the EMI achievements known through managed outreach and **dissemination** activities
- Enlarge the base of expert developers and engineers knowledgeable in the EMI technologies through comprehensive **training** programs and materials
- Establish managed **collaboration** programs with other projects, initiatives and commercial enterprises to make the EMI technologies part of their ongoing development efforts
- Ensure the active **exploitation** of project results and the creation of a sustainable model through the definition of exploitation results, targets and partners

General Considerations

- Compared to EGEE, EMI NA2 includes all the networking activities (minus NA1), thus EGEE NA2, NA3, NA4, NA5
- We must understand the role of EMI within the DCI ecosystem
- Not everyone needs to know how the middleware works; what is important is that they recognize the **EMI brand**
- Web content is key

Dissemination and Public Relations

- Task leader: INFN, Pina Salente
- Participants: NIIFI, TCD, UWAR, ASGC, JUELICH?
 - All partners should be involved
- Reach out to the users of the EMI products with particular attention to EGI, PRACE and other DCIs, individual NGIs and VRCs.
- Metrics: number of events organized and quality as measured by **follow-up activities** (e.g. online surveys and polls)

NA2.2 subtasks

- Graphics and Branding, templates
- Events – one large Middleware Forum, probably in April
- Materials for participation in other events
- Content - physical & web
- Press relations; perhaps an article in Scientific American (or similar)
- Based on actual achievements within user communities
Actively work with PR teams in other projects (EGI, PRACE, GridTalk, etc). Proposed inter-project meetings for these activities

Technical Knowledge Management

- Task leader: TCD, Kathryn Cassidy
- Participants: INFN, all EMI members contribute to delivering training or presentations depending on their expertise
- One contact person per MW
- Success criteria are number of training events organized or attended, average number of trained users and impact of the EMI training programs on other projects' or initiatives' training programs.

NA2.3 subtasks

- Inreach – knowledge transfer within EMI
 - Organize specific workshop(s) early on to get developers to familiarize with each other's product
- Meet-the-developers days – 2/year
- Online courses / explorations (example: <https://genographic.nationalgeographic.com/genographic/lan/en/atlas.html>)
- collect existing materials (not just general training, but also highlights, other)
- Tools: for future discussion

NA2.4 – Collaborations

- Task leader: INFN, Diana Cresti
- Participants: all
- Establishment and coordination of the managed collaboration program 'Works with EMI' and reporting on dedicated collaboration activities esp. in standardization.
- Success criteria: active participation of external projects, initiatives, companies, etc and the number and roles of project members actively involved in other bodies (e.g. OGF) and their impact on the overall advancement of the state of the art of grid technologies

NA2.4 subtasks (collaboration areas)

- Infrastructure, Standardization and Private Sector
- User Communities and Related Projects – ESFRIs, VRCs
- *Works with EMI* – Similar to EGEE RESPECT
 - Issue for technical activities (SA1, JRA1)
 - Inherit relations from all consortia (incl. dCache)
 - Include everything, classify according to which parts it “works with” at a given time.

NA2.5 – Sustainability and User Community Relations

- Task leader: NIIFI, Ivan Marton
- Participants: INFN, TCD,
 - representation by all the consortia
- Definition and monitoring of exploitation plans and creation of sustainability through activities aimed at making the EMI products used by an increasingly broad user community.
- Success criteria are the continuing and growing usage of the middleware components, the inclusion of components in distributions like Fedora and Ubuntu and the actual establishment by the end of the project of commercial activities

NA2.5 subtasks

- Usability, including specific studies
- Providing a structured mechanism for carrying forward the feedback process
- Inclusion of EMI software into standard repositories and open source Linux distributions (Fedora, Ubuntu, etc)
- Establishment of service provision offerings (support, consultancy, customization, etc) by commercial companies

Plans for First Quarter

- Templates
- Deliverables and Milestones
 - DNA2.1.1 Collaboration Programs – M1
 - DNA2.4.1 Exploitation and Sustainability Plan – M3
 - MNA2.1 Project Web Presence – M1
 - MNA2.2.1 Dissemination Material – M3
- One in-reach meeting: SA1, JRA1 to provide names of people who can present their middleware and potentially do training

Final notes

- Branding & acknowledgement of EMI
- Require some nominal effort by Juelich (or other UNICORE partner) on collaboration and sustainability tasks
- Specific contacts for each MW
- Some large collaborations (EGI, PRACE) need to be **hands-on**; Meetings **between** NA2-like activities in EGI etc
- Training vs documentation, **in-reach**
- Usability, User requirements not reflected in technical subtasks
- Still need to see what else is out there



Thank you

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