



Enabling Grids for E-science

NA3 Tasks in EGI

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- **Name: Content Creation**
- **EGI Entity: EGI.org (User Community services), NGIs, SSC?**
- **Description:**
 - maintain and enhance the training resources and knowledge developed during the previous phases of the EGEE project.
- **Interfaces:**
 - Interact with training participants (new users, application developers), with Operations staff, Application Developers concerning new developments/updates to be included in training courses.
 - Interaction with other projects eg to know how EGEE fits into landscape of current R&D projects
- **Rights:**
 - Expectation that knowledge can be passed on from the middleware tasks.
- **Responsibilities:**
 - Should be responsive to training needs throughout all other tasks. EGI.org effort should also be able to assist trainers within NGIs to develop new tutorials, presentations, courses
- **Resource Allocation:**
 - Course content will almost all be done by NGIs, middleware and Application developers, and academic courses. Potential for developing course content at EGI.org low based on the manpower assigned, may be more of a coordination role.
- **Assumptions:**
 - Assumption made that each NGI will generally be responsible for the creation/design of their own material

- **Name: Scheduling, Organisation & Delivery**
- **EGI Entity: EGI.org (User Community services), NGIs, SSC?**
- **Description:**
 - Schedule and organise an appropriate and varied programme of courses to support the development of applications on the EGEE infrastructure, in order to expand the user base of the EGEE infrastructure .
- **Interfaces:**
 - NGI trainers will interact with Users/ potential users/application developers to ascertain local training needs. EGI.org will interact with NGI trainers to assist if possible, and with Middleware staff, Application Developers concerning new developments/updates to be included in training courses.
- **Rights:**
 - Expectation that assistance be provided by experts where required. NGIs responsible for organising courses, dealing with course costs.
- **Responsibilities:**
 - EGI.org Should be responsive to training requests and assist trainers within NGIs where possible.
- **Resource Allocation:**
 - Presently, some partners offer significant support to smaller training teams in delivering events, this may be difficult to support under new framework.
- **Assumptions:**
 - Assumption made that each NGI will have a pool of accredited trainers available
- **Unknowns:**
 - Demand for Training SSC presently unknown
 - Strong demand exists for continued online courses and summer schools – presently unsure of source of funding for this

- **Name: Coordinated Trainer Support Systems**
- **EGI Entity: EGI.org (User Community Services)**
- **Description:**
 - Development of training support framework by provision of a digital library/material repository, and other online resources eg Training website, Networking tools
- **Interfaces:**
 - Interface with Training coordinator and material/course creators concerning structure of online provision, also with NGI trainers
- **Rights:**
 - Feedback from other training/user tasks on their requirements & roadmap for future developments
- **Responsibilities:**
 - Delivery of services used by all involved in Training tasks and other User Community tasks
- **Resource Allocation:**
 - Reduced effort in this central service may reduce innovative design.
- **Assumptions:**
 - Hosting facilities remain as present
- **Comment:**
 - Nature of breakdown may affect task, as in EGI blueprint, this task is bunched with previous task of course content. This task likely to require more specialised web skills, than training skills.

- **Name: Training-Infrastructure provision**
- **EGI Entity: NGIs, SSC?**
- **Description:**
 - The purpose of this task is to perform the day-to-day operation of t-Infrastructure. This includes the deployment of updates to the unified middleware distribution releases in synchronization with operations, as well as the deployment of user level services and tools for new user communities, the operation of core services
- **Interfaces:**
 - Interfaces with trainers conducting practical sessions, and Users/Course participants requiring a platform for testing/learning
- **Rights:**
 - Expectation that appropriate documentation and assistance be available in integrating new Grid services, and middleware development roadmaps available.
- **Responsibilities:**
 - Provision of an infrastructure for new users on training course/self-paced learning courses. Provision of testbed environment for new applications ported to the grid.
- **Resource Allocation:**
 - Currently no resources for EGI.org. Training groups will have to setup training cluster locally within NGI, or join SSC, where Training clusters will be centrally coordinated. With no central funding, not possible to develop new teaching aids/maintain testbed for new applications if not mirrored to production infrastructure
- **Assumptions:**
 - Assume that no funds available centrally for t-Infrastructure developments
- **Unknowns:**
 - Source of funding for maintaining and developing training infrastructure for new users

- **Name: Activity Management and partner coordination**
- **EGI Entity: EGI.org (User Community Services), NGIs**
- **Description:**
 - Manage the training activity and coordinate the effort of activity partners in order to maintain and enhance the successful Training and Induction Activity developed during earlier phases of the EGEE projects
- **Interfaces:**
 - Oversees all training tasks. Activity leaders interacts with all involved in training task,
- **Rights:**
 - Expect to be able to request and receive assistance from EGI/NGI personnel with regards to Training matters.
- **Responsibilities:**
 - Responsive to training needs identified within and external to EGI.org. Be able to prioritise Training group workloads to best satisfy requests
- **Resource Allocation:**
 - Resources for EGI will likely only cover coordination of material, support NGIs in locating experts, providing basis for communication between training groups.
- **Assumptions:**
 - Assume that NGIs will appoint a training contact within country
- **Unknowns:**
 - Funds available to assist with Training courses

- **NA3 Internal Review**
 - Held on 20 January
 - 22 of 23 countries involved
- **Consensus that countries are preparing well for EGI transition:**
 - Planning their self-sufficiency
 - Developing Trainer Base
 - Planning t-Infrastructures
- **Well positioned as training is federal in nature**

- **Considerations:**
- **Countries with no training group:**
 - Will they develop training group?
 - Provision of International Support?
 - Unlikely to be central funds available
- **UMD**
 - Process for discussion with UNICORE, ARC?
 - Require expertise in EGI.org on all 3 technologies
- **Training SSC vs Generic user services SSC**
 - Depending on the overhead of forming an SSC
- **Training Infrastructure**
 - Likely to be demand for GILDA t-Infrastructure
 - Frequently use for training
 - Offers testbed
 - Unlikely that all NGIs will contribute to GILDA
 - Should this be set up as SSC?
 - GILDA Multi-middleware capabilities