



24th September 2004

Enabling Grids for
E-science in Europe

www.eu-egee.org

EGEE Training Planning



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Present

NAME	ORGANISATION	FEDERATION
Richard Hopkins	NeSC	UK
Elena Slabospitskaya	IMEP	Russia
Nikolay Zaikin	JINR	Russia
Peter Oettl	U Innsbruck	CE
Christos Aposkitis	GRNET	SEE
Pawel Wolmiewicz	PSNC	CE
Viet Tran	II-SAS	CE
Ladislav Hluchy	II-SPS	CE
Malcolm Atkinson	NeSC	UK
David Fergusson	NeSC	UK

Planning

- Targets and goals
 - Meeting the targets in the execution and training plans
- Nature of NeSC support
 - Providing registration services and training materials
- Quality assurance issues
 - Lightweight/heavyweight processes ie. how much process do the federations have resource to support.
- Minimal quality
 - Standards and guidelines – we should have a minimal set of requirements for each course and also a set of good practice guidelines.

- **New courses reported – web site update**
 - A number of the representatives from federations reported courses which had happen or were planned. The NA3 web site needs to be updated to reflect these.
- **Monitor NA3 web site for accuracy and currency**
 - The federations agreed to monitor the NA3 web site and notify NeSC of any inaccuracies or omissions (for instance missing events).
- **New patterns in course delivery – requirements, local variation, length of courses**
 - It was noted that the pattern of course delivery is very dependent on local conditions. For instance in some cases a centralised delivery is appropriate in others a more distributed model.
- **Course with breaks and attendees returning with questions and experiences.**
 - In particular it was suggested that with application developer type courses it was often important to have a structure which allowed trainees to go away and try out systems, then return later with questions and experiences.
- **Multiple NA3 portals (link from NA3 site)**
 - Ladiav suggested that more than one portal (GENIUS) could be linked to the training web page. This was agreed and the NeSC team can link portals suggested to them.

- New training plan 'richer'
 - The training plan should contain more input from federations
 - It should allow for more modes of delivery
 - More detail should be incorporated on training materials and modes of delivery
- Grid summer school content – Malcolm Atkinson
 - Malcolm noted that there is a round of funding available for Grid Summer Schools which has to be prepared for December. He invited contributions to be sent to him.
- Technical retreats – direct contact with activities
 - The technical retreats called for in the training plan can only be organised in conjunction with the other EGEE activities and close cooperation needs to be established to support this.
- Bulletin boards, issue tracking
 - It was suggested that NA3 should have a open, un-moderated bulletin board available for partners to post queries, suggestions and have conversations.
 - Leanne also suggested that an issue/bug tracking system to deal with course development and materials should also be instigated. (Based on Savannah or Bugzilla?).

Course development

- Web services
- gLite

Course requirements

- **Sys Admin/Operations courses – LCG2 and gLite (cooperation with SA1 and JRA1)**
- **Expert resource limited**
 - For instance – there a limited number of people with enough expertise to run the LCG2 install/admin course
- **Karlsruhe – Liaison with GRNET over installation courses**
 - GRNET is keen to have a LCG2 installation/administration course as soon as possible. Ruediger offered to liaise and provide support from Karlsruhe.
- **Potential new courses to be categorised**
 - The list of courses under consideration by NA3 for development should be categorised, eg applications, non-technical, development, etc.
- **eScience programming – grid characteristics and relation to problems**
 - It was noted that a useful course/talk to develop would be one which described the characteristics of grids and relates these to the potential classes of problems from application domains. This may be a 1hr talk for deliver in dissemination events.
- **WSRF, WS-DM, etc.**
 - Future developments in WSRF, WS-DM etc will be important topics for course development. However these are not urgent priorities.
- **gLite**
 - Courses will have to be developed to support the migration to gLite.

Liaison with other activities in course development

- (JRA1) Preparing community for gLite ?
 - Close cooperation with JRA1 is required to make sure that appropriate training support is available for gLite
- (JRA1) Preparing JRA1 for next stage of gLite ?
 - Do JRA1 require any training to support gLite development?
- (JRA2) Responding to quality needs within EGEE training ?
 - Should NA3 be liaising with the quality assurance activity to identify and offer training in areas where weaknesses in quality in EGEE have been identified?

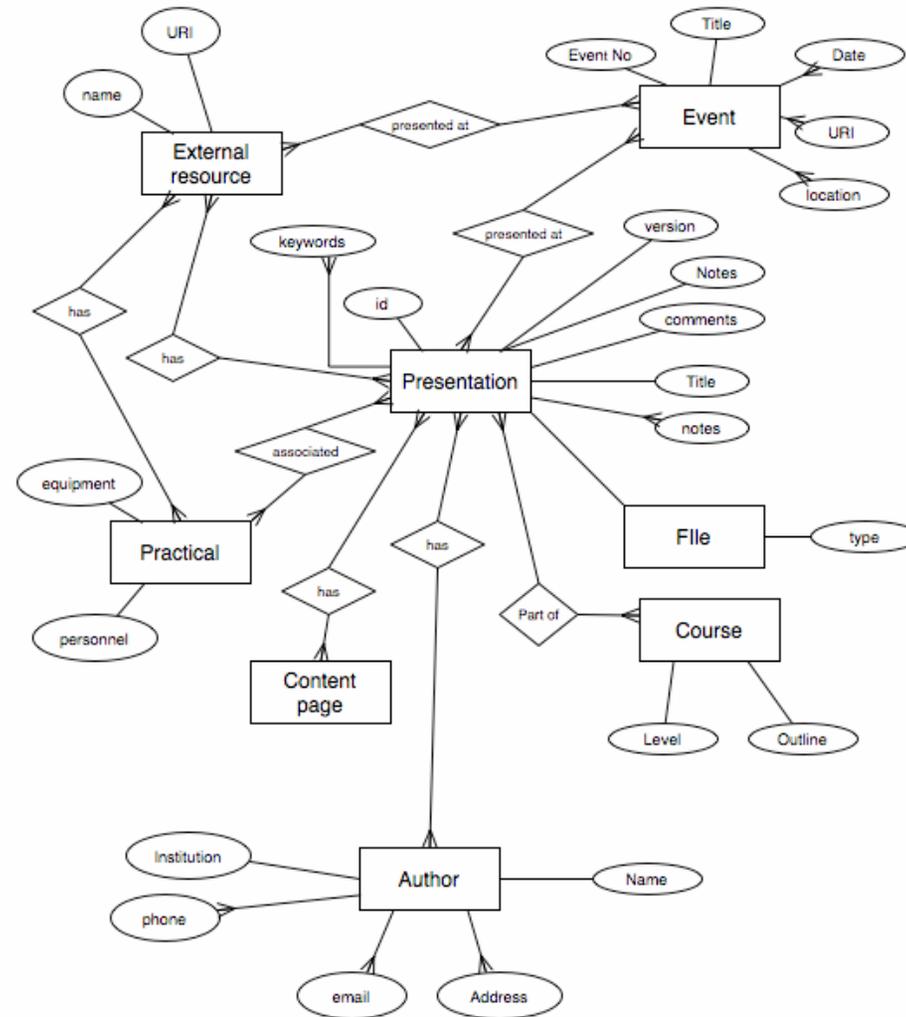
- Training in bringing applications to the grid (1hr presentation – educational outreach).
 - It was noted that there is limited support for application developers in the processes required to bring an application into EGEE. A presentation outlining this process would be valuable.
- Example applications
 - Ladislav noted that there are few mature applications for the grid outside HEP. NA3 partners should all be alert to any possibilities for example applications which can be used for training.

Training and Repository

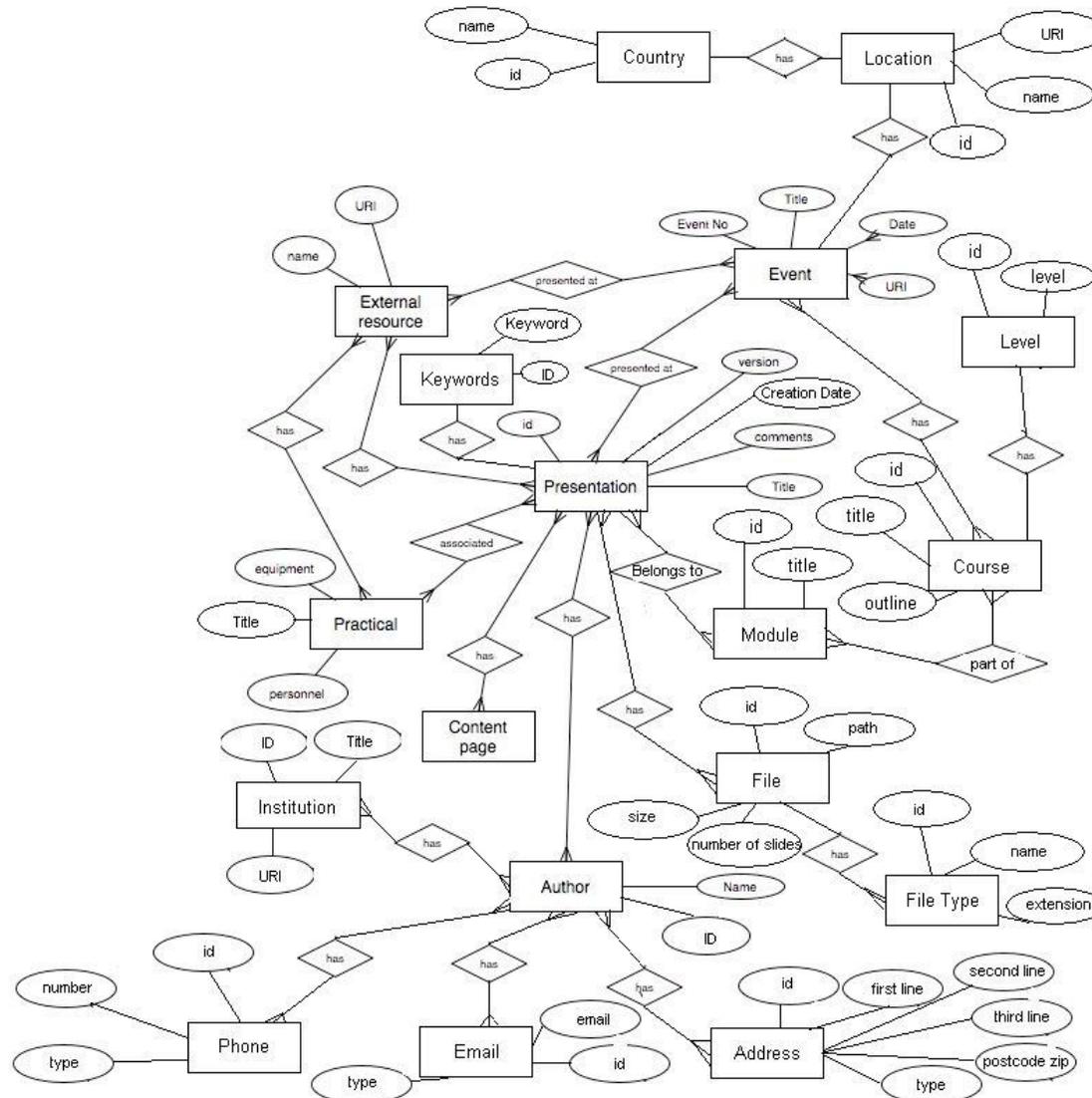
Repository page

- <http://www.egee.nesc.ac.uk/trgmat/index.html>
- Structure
- Implementation
- IPR
- Attribution
- EGEE copyright and open repository

Archive relational design



Repository implementation ER



EGEE NA3 repository page

Training Material



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[Suggestions & Requirements](#)

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Training Material

[NA3 Admin & Planning](#)

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Download Training Materials

A searchable repository of training materi

sign documentation can be found [here](#).

If you have materials which you would like to be included in th

URL from which they can be uploaded to [David Fergusson](#).

To allow some access to the available materials in the short term a list of downloadable files is given below.

Course	Module	Materials
Induction	General	What is grid? (17/5/04, CERN)
	EGEE internal induction	EGEE management procedures (17/5/04, CERN)
	EGEE internal induction	NA2 and NA3 activities (17/5/04, CERN)
	General	Overview (26/4/04, NeSC)
	General	What is eScience (26/4/04, NeSC)
	EGEE internal induction	Grid Applications (26/4/04, NeSC)
	EGEE internal induction	What is EGEE (26/4/04, NeSC)
	EGEE internal induction	EGEE Security (26/4/04, NeSC)
	EGEE internal induction	General components of Grid middleware and User Interfaces (26/4/04, NeSC)
	EGEE internal induction	EDG tutorial handout (26/4/04, NeSC)

Implementation by Susan Andrews

Repository search interface



Training Material



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If you have materials which you would like to be included in the EGEE NA3 repository please email a URL from which they can be uploaded to [David Fergusson](#).

Presentation materials available from the training repository

Search:

◦ By Presentation

- Title
- Keywords

◦ By Event

- Title
- Date

April 2004

◦ By Module

EGEE applications introduction

◦ By Course

EGEE Induction

Title search

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Please email comments on this page to training-support@nesc.ac.uk

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Last Modified: 31-Aug-2004

Search result



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Download Training Materials

Matches found for search criteria: date

13 presentations were found.

Adding new applications to EGEE infrastructure [9]
Version: 1.0

Applications on Grids [2]
Version: 1.0
[\[Presentation.ppt\]](#)

EGEE Infrastructure: How to Join as Users, Sites and Virtual Organisations [12]
Version: 1.0
[\[Presentation.ppt\]](#)

EGEE organisation and procedures [13]
Version: 1.0
[\[Presentation.ppt\]](#)

EGEE: Types of Induction [14]
Version: 1.0
[\[Presentation.ppt\]](#)

General components of Grid middleware and User Interfaces [5]

Suggested improvements for the materials repository

- Prerequisites
 - It should be possible to attach prerequisites to courses and practicals which can be shown to potential users.
- Need for browsing
 - It is important that users can browse over the whole archive as well as performing searches.
- Other search criteria
 - There are a number of possible search modes not currently implemented in the interface – these will have to be added.
- Provenance visible (logos ?)
 - Should logos be included with titles in hits. Malcolm has found this important in the past. Although we have to be aware of issues like needing permission to use the GGF logo.
- Licensing – openness , a NA3 document licence
 - The current EGEE licence states that documents can't be modified. This doesn't fit well with the needs of training. To be raised at the PEB.
- Development space in repository (who is developing what?)
 - The repository schema could be modified to also contain information about who is developing what courses so that resources can be pooled.

- Comments under editorial control
 - All the information is currently to be put into the db manually at NeSC. This is a conscious decision to maintain editorial control – rather than automatic uploading
- Ask other activities – lists of topics, keywords, glossary items
 - It may be useful to get the other activities to supply keywords etc that they think are important. This might also serve to highlight areas where training is needed.
- Index by language
 - There should be a provision to search for presentations in particular languages.
- Returning material to archive after translation
 - Part of the duties of NA3 partners is to provide translations of training material. This could be done by returning translated material for inclusion in the repository.

Federation information

Polish activities

- NA3 activities at ICM University of Warsaw (11).
- 1. Our 3-day induction course "Introduction to Grid Technologies" is scheduled for 4-6 Nov, to be held in Warsaw. Information on the course is available at our local EGEE WWW server (some details still in preparation):
 - <http://spin.fuw.edu.pl>
- 2. We are doing our best to propagate our courses in both academic and commercial communities. In case of strong interest and the number of attendees exceeding capacity of our rooms, we plan to make an additional event in December.
- 3. We did inform media about EGEE, giving an interview in polish radio and arranging an article in the leading newspaper.

- eLearning

- SMIL - Christos – investigation and reporting on using SMIL.
 - Christos from GRNET demonstrated a net based application for providing synched video and slides. He will provide documentation for this system so that it can be evaluated for use in NA3.
- Ruediger – video of presentations at GridKa
 - All of the presentations at the GridKA courses had been videoed and will be made available on the web. It was noted that these resources should be linked through the NA3 site and in the repository.
- Editing Roberto's video
 - NeSC has promised to help review the GENIUS training video and to link it on the site and add it to the repository.
- Ruediger – linux CD distro (XEN) for training grid (grid in a box) - workshop.
 - Ruediger suggested that the XEN CD based Linux distribution may be a viable basis for a 'course in a box'. A workshop with interested parties to try to put this together was suggested.
- Multiple approaches (but not too many) – get on with it!
 - Malcolm noted that the important thing was to get going!

Guidelines for good practice in setting up courses

- 3 months notice
- By 2 months local organisation, provisional agenda, advertising.
- 1 month complete agenda (may still be changed)
- There can always be exceptions but not too many or too extreme.