



Enabling Grids for
E-science in Europe

www.eu-egee.org

All Activity meeting, CERN, 18/6/04

NA3 Status Report

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NeSC



Contents

- Summary of work accomplished since First EGEE Conference in Cork
- Status of deliverable: DNA3.1.1: Training Plan
- Status of milestone: MNA3.1: Training and induction planning phase complete
- State of Execution Plan
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Work accomplished since Cork

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Progress since Cork

- Several courses and presentations organised and run (next slide)
- Several courses and presentations planned (next again slide)
- NA3 partners are actively engaging in overall task
- Experience in use of GILDA testbed and GENIUS portal (provided by INFN)
- Good working relations established with NA4
- Progress in website and database repository development
- Refinement of procedures concerning training and induction course planning, execution and follow-up through experience
- All-NA3 meeting scheduled: September, Karlsruhe

NA3 – Past Events

Date	Title	Where	Type of Course	Attendees	Feedback Rating (1-5)
3rd-4th June	Course on using Web Services	Edinburgh, Scotland	Application Developer	9	4
27th-28th May	Grid Aware EGEE Induction Course	Athens, Greece	Induction	40	4.1
24th-25th May	GENIUS/Gilda Tutorial	Catania, Sicily	Trainer Training		
18th-19th May	Induction to Grid Computing and the EGEE project	CERN	Induction	27	3.5
17th May	Induction to the EGEE project	CERN	Induction	59	3.3
12th May	Grid Computing	Dresden, Germany	Conference Presentation		
26th-28th April	First EGEE induction course	Edinburgh, Scotland	Induction	18	3.6

NA3 – Forthcoming Events

Date	Title	Where
24th-25th June	<p>An Introduction to using the GT3 framework To teach the basics of developing with GT3 by a combination of lectures and practicals.</p>	Edinburgh, Scotland
29th June - 2nd July	<p>EGEE RDIG Induction Courses Part of the International Conference "Distributed Computing and Grid Technologies in Science and Education" Induction Courses held by IHEP and JINR</p>	Dubna, Russia
6th July	<p>What are Grids and where are they going? In conjunction with the BNCOD21 Conference at Heriot Watt University, Edinburgh. This event will use keynote speakers from BNCOD and NeSC to give high level presentations about the nature of Grids, followed by an open panel discussion.</p>	Edinburgh, Scotland
18th - 30th July	<p>Second GGF International Summer School on Grid Computing EGEE training staff making presentations at Summer School.</p>	Naples, Italy
19th – 21st July	<p>LCG2 Administrator's Course: A practical introduction to installing and running LCG2 software. (In conjunction with GridPP.)</p>	Oxford, England

NA3 internal website: progress

- Record of past courses, details of future courses
 - Means provided to make general comments and suggestions, and of specifying specific courses
 - ColdFusion being used to publish from an SQL database
 - Provides searchable storage of training materials by topic (cf. Agenda records storing materials by course)
- Note: this is work-in-progress.
- Bulletin-board facility to enable NA3 internal discussion
- Note: this is work-in-progress.
- Other developments are in the pipeline.
 - Please have a look at the website:
<http://www.egee.nesc.ac.uk/>

DNA3.1.1 & MNA3.1

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MNA3.1 & DNA3.1.1 Training Plan – 1

The status of milestone: MNA3.1 (Training and induction planning phase complete) and the status of DNA3.1.1 (Training Plan) are taken together, as the Training Plan will incorporate the final induction course plans.)

The Training Plan is currently being written. Here is a summary of the contents.

- **Introduction**
 - Restate mission and goals:
 - EGEE internal induction & training
 - EGEE external induction & training
 - Elaborated 'virtuous circle' (see later slide)
- **Categories of course**
 - Types of course (see later slide)
- **Partners in NA3**
 - Summary table

DNA3.1.1 Training Plan – 2

- Report on the status quo
 - Calendar of events completed
 - Calendar of events scheduled
 - Notes on these courses:
 - Summary of contributors
 - Summary of participants
 - Summary of curricula
 - Analysis of feedback
- Preliminary analysis of requirements
 - Identify change to perceived requirements
 - Same content but presented in smaller units
 - Consequence
 - Larger number of smaller training events – same goals in numbers trained and understanding developed

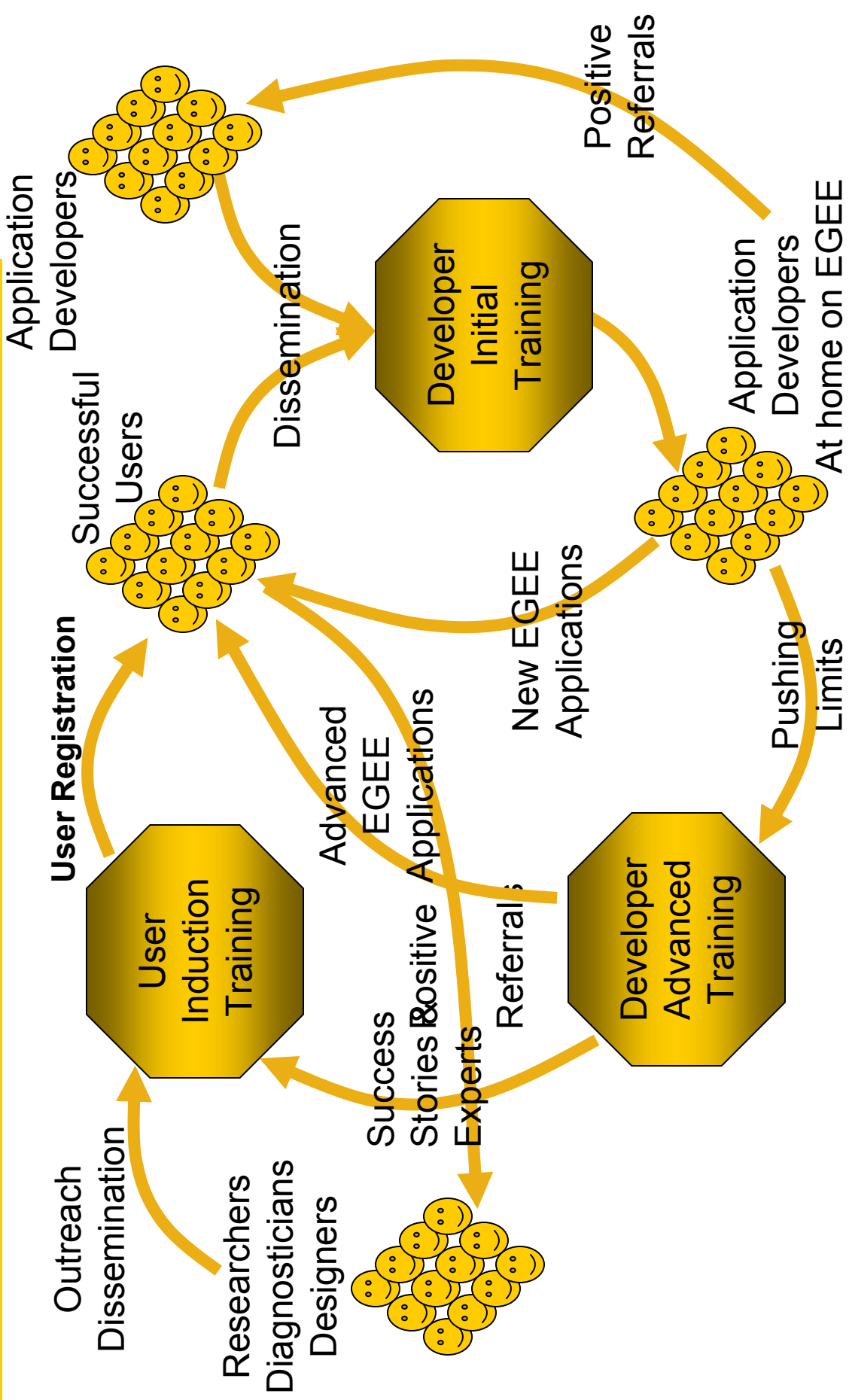
DNA3.1.1 Training Plan – 3

- Training programme
 - Table of target training (type of course identified) per Quarter against Federation, informed by feedback from partners following allocations of courses to partners in initial Execution Plan.
 - These are *minimum* targets: partners will make presentations as opportunities arise – there is an open-endedness in the process.
 - Events easier to put on when material and procedures have been refined.
 - Some events may be borderline between NA2 and NA3
- Issues – *discussed in Risk Analysis*
 - In summary, can we identify, produce and deliver what is wanted to the right people at the right time?

Reminder: TA Requirement for Courses

Course Type	Average Attendance	Course Requirements	Number per Year
Induction	50	2 Day Web Access	≥ 10
Application Developer Training	25	4 Day Workstations	≥ 8
Advanced Courses	25	5 Day Workstations	≥ 2
Internal Technical Activity Specific Retreats	30	2 Day	≥ 6

NA3's Role in Virtuous Circles



Execution Plan

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NA3 Execution Plan

- The revision of the initial NA3 Execution Plan is still not complete.
- Execution Plan material on ‘Planning a training event’ and ‘Running a training event’ are being presented as two separate documents and will be stored separately in EDMS; they will be referenced from the Execution Plan.
 - This is because it is recognised that these processes will be subject to further revision and refinement, and the proposed structure
- In response to the initial Execution Plan, which allocated induction courses and application developer courses to Partners per year, some Partners have responded with more detailed plans for courses in fulfilment of their course allocation. These will be included.

NA3 Work Breakdown Structure

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NA3 Work Breakdown Structure

- The final WBS for NA3 has been sent to the EGEE CERN office.
- **Initial phase TNA3.1**
 - TNA3.1.1 Requirement specification
 - TNA3.1.2 Analysis of course types required
 - TNA3.1.3 Development of procedures for courses and web-based material
 - TNA3.1.4 Production of management & quality procedures & documentation
 - TNA3.1.5 Development of repository of training material: policy, framework design, portal
 - TNA3.1.6 Specification of Grid testbeds for training
 - TNA3.1.7 NA3 website: design & set-up
 - TNA3.1.8 Development of course schedule (leads to training plan for first year:
 - TNA3.1.9 Establishment of e-Learning environment

- **Recurrent operation TNA3.2**
 - TNA3.2.1 NA3 partner support and coordination
 - TNA3.2.2 Induction courses, training courses, workshops
 - TNA3.2.3 Involvement in other activities for EGEE training & dissemination
 - TNA3.2.4 Analysis and feedback
 - TNA3.2.5 Training material
 - *Collection, Creation, Development, Translation & localisation*
 - TNA3.2.6 Preparation of hands-on exercises: software & data
 - TNA3.2.7 Training course revision
 - TNA3.2.8 Maintenance of repository of training material
 - TNA3.2.9 Development & maintenance of Grid testbeds for training
 - TNA3.2.10 NA3 website: development & maintenance
 - TNA3.2.11 EGEE deliverables
 - TNA3.2.12 Liaison with EGEE committees & activities
 - TNA3.2.13 Management within NA3

Products

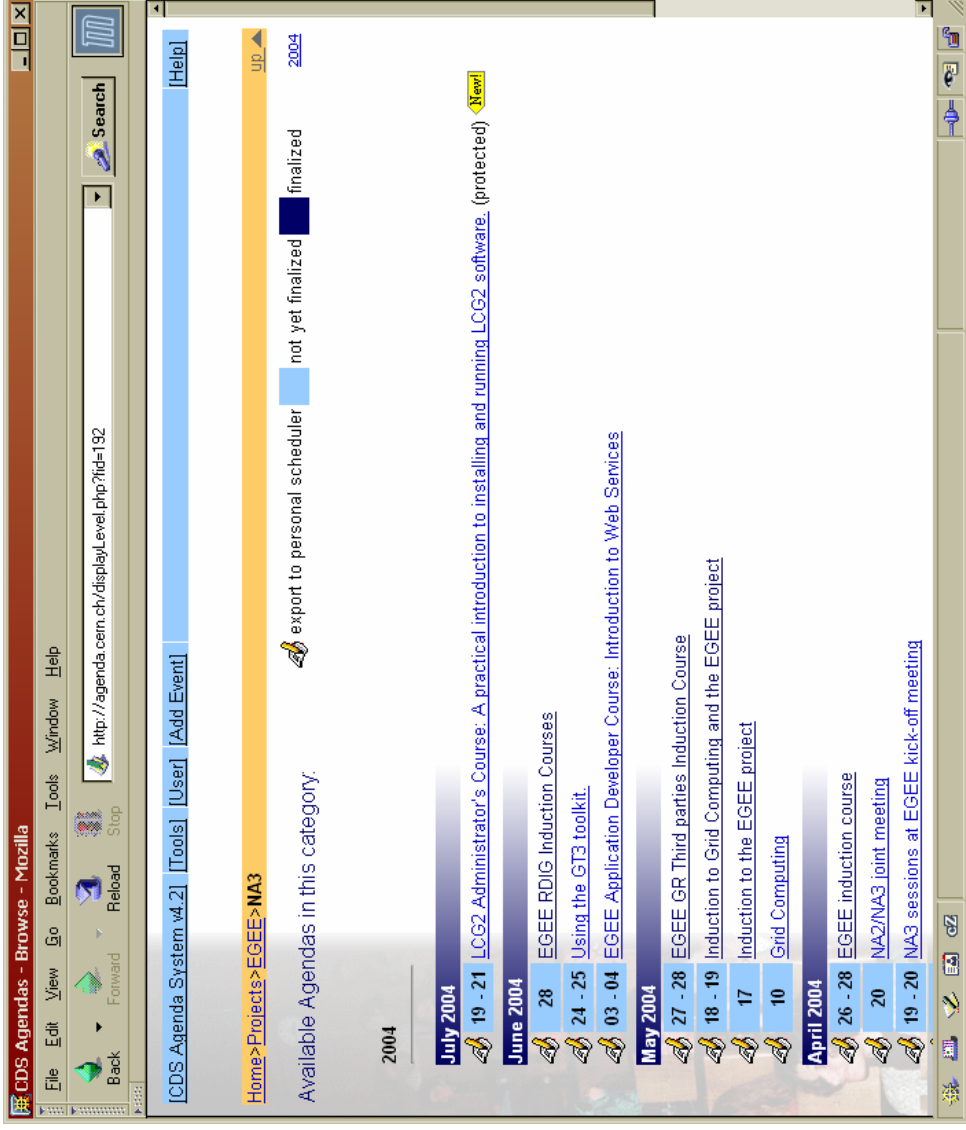
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NA3 Products 1

- For NA3, each event run generates ‘products’ in the form of course material.
 - Every running of an event will always produce a new set of materials, because there will always be local adjustments.
- NA3 partners have been asked to use the AgendaMaker system consistently, so that for each event there will be an easily accessible AgendaMaker record (next slide).
- Later, material will also be organised by topic and held in a Web-accessible repository.

NA3 Products 2



CDS Agendas - Browse - Mozilla

File Edit View Go Bookmarks Tools Window Help

Back Forward Reload Stop

http://agenda.cern.ch/displayLevel.php?fid=192

Search

[Help] Up

Home > Projects > EGEE > NA3

export to personal scheduler not yet finalized finalized

Available Agendas in this category:

2004

July 2004

- 19 - 21 LCG2 Administrator's Course: A practical introduction to installing and running LCG2 software. (protected) [New!](#)

June 2004

- 28 EGEE RDIG Induction Courses
- 24 - 25 Using the GT3 toolkit.
- 03 - 04 EGEE Application Developer Course: Introduction to Web Services

May 2004

- 27 - 28 EGEE GR Third parties Induction Course
- 18 - 19 Induction to Grid Computing and the EGEE project
- 17 Induction to the EGEE project
- 10 Grid Computing

April 2004

- 26 - 28 EGEE induction course
- 20 NA2/NA3 joint meeting
- 19 - 20 NA3 sessions at EGEE kick-off meeting

<http://agenda.cern.ch/displayLevel.php?fid=192>

Risk analysis

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Risks 1

- 1) Uneven spread of NA3 partners within Europe
 - For example, there are no NA3 partners in France and Iberia
 - The NeSC team in conjunction with NA4 and partners from neighbouring regions will attempt to cover this requirement.
- 2) Too many introductory courses
 - There is a risk that there will be many introductory courses and insufficient follow up to attain depth of understanding.
 - This will be addressed by targeted emails (and advertising) to former course participants, and target quotas being assigned to each region for more advanced level courses.

Risks 2

- 3) Partners failing to engage properly
 - With over 20 partners in NA3, it becomes impractical to ‘chase’ partners who are slow to fulfil their training quotas or to respond to email requests. (Too early to know if this will be a problem.)
- 4) Insufficient participants
 - There is a risk that the supply of participants at training events will diminish, particularly for the application developer and advanced courses
 - This should be ameliorated by outreach through NA2 and concerted approaches to communities with NA4
- 5) Courses provided too late to be useful
 - This should be ameliorated by engagement with SA1 & NA4
- 6) Courses not offered at the right venues

Issues related to other EGEE activities

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Issues related to other EGEE activities

- Liaison between SA1 and NA3 must be proactive. (SA1 person to act as liaison with NA3 needs to be identified: Hungarian contact has withdrawn.)
- Still need to develop links between NA2-provided external EGEE website and EGEE NA3 internal web pages, with respect to training events.
 - The external site *could* become a valuable source of new people, needing to be trained.
- Are EGEE activities talking to each other enough?

Highest priorities

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Highest priorities

- Get NA3 administrative preliminaries completed
 - Acknowledged to have taken too long
- Keep up the momentum!
 - Refine existing material
 - Ensure that application developer training proceeds, and is at the right level
 - Find out (from EGEE colleagues) what advanced courses are required
 - Keep in close touch with all NA3 partners – this takes time
 - Ensure that post-event analysis and reporting is well established
- Ensure that NA3 website becomes used as an information and materials exchange

Hiring status

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Hiring status

- I emailed the NA3 partners last week
 - From an incomplete response, no one said that they were still hiring
 - I will try to confirm this in the next week.
- At NeSC the final member of the training team has been appointed, and started last Monday
 - Dr Richard Hopkins, who for many years has been a university researcher and teacher