

NA3 discussion: structuring the courses

NA3 team



- Understand what each of the course type is
 - Description of course
 - I/O
 - Eventually metadata
- Try to fit the existing material in and identify what needs to be done
- Personnel
- Identify audience

- Induction
- Application developer training: GRID specialist (but no applications specifics)
- Advanced: per GRID service / operations particulars / new technology (both internal and external)
- Technical WP retreats: workshop; ad-hoc. Some app specifics could be tackled here

- New user induction course
 - Grid aware induction course (GAI)
 - EGEE GRID users course (operations, real certificates)
-
- + extra 1-2 hours on EGEE management procedures and organisation (EMI).

Existing material

- Grid general (2)
- EGEE (2)
- Hands-on: M/W (7) + extra security
- Operations (1)

- 6 ½ = day

- **Input:**
 - Technically aware
- **Output**
 - Grid general concepts; e-science
 - Globus and other basics
 - Understanding of EGEE general architecture,
- **Curriculum (1 1/2 days max)**
 - Grid general concepts; e-science (DB) (1hr)
 - Applications examples (RB) (1/2 hr)
 - History (+ Globus/MDT) etc **TBD** (2hr)
 - EGEE arch (incl security), GRID demonstrator (GENIUS) (RB) (4hr)
- +EMI (2hrs)
- **People needed: 2**
- **NA2 overlap; at conferences etc.**

Grid aware induction

- **Input:**
 - Completing course 1, or:
 - Grid general concepts
 - Other grid tools hands-on experience (Globus or similar)
 - But not knowing EGEE architecture in detail
 - + get certificate and subscribe to VO
- **Output**
 - Understanding of EGEE m/w and architecture (job workflow)
 - EGEE m/w use (hands-on) command line + portal
 - Basic operations concepts
- **Curriculum (10 hrs) (1 1/2)**
 - Applications examples – more detail. (RB) (1hr)
 - EGEE detail arch, components (security, rls, voms, rb, etc) (RB + more) + Hands-on (command-line, portal) (6 hrs)
 - Maybe example apps (mini project?); new JDL; interactivity (2hrs)
 - Basic of operations (1hr) (SA1 related)
 - +EMI (2hrs)
- **People needed: 3 min for 20 people course. Trainers must be trained. RB + trainers**

EGEE GRID users induction course

- **Input:**
 - Courses 1+2, or:
 - Understanding of EGEE m/w and architecture (job workflow)
 - EGEE m/w use (hands-on) command line + portal
 - Basic operations concepts
 - + get certificate and subscribe to VO
- **Output**
 - Can go use infrastructure for real
 - Point users to ROCs; handover to SA1
- **Curriculum (must be refined) (1 ½ days)**
 - Overview of architecture (1 hr) (RB)
 - Details of operational aspects (real certificates, VO management, policies, SLAs, procedures, etc) (trainers + SA1)
 - Aspects of applications (integration with the m/w) (trainers + specialists?)
- **People**

EGEE member induction

- 2hr appended short course
- A separate dedicated course
- Full set of material defined by MM
- To be done at request (like in CERN)

Training of trainers

- Material
- Hands-on (dedicated event?)
- Self-learning too

Application developer training

- TBD: NeSC

Advanced courses

- SA1
- M/w installation
- Etc
- As requested

Technical details

- GILDA and Genius use. Support for these: INFN?
- Use GILDA, and contribute WNs or
- Training VO on the (pre-)production testbed, through GENIUS.
- **AP: the testbed issue to be clarified technically.**
- **Knoppix: TBD - Karlsruhe**

Action Points

- NeSc: Execution plan to be refined taking this into account.
- All: Re-identify courses per federation according to this.
- History (+ Globus/VDT) etc TBD (2hr) NeSC
- Trainers must be trained. RB + trainers
 - JM to send email to all regarding interest in this course
- EGEE GRID users course: Curriculum (must be refined) (1 ½ days)
- AP: the testbed issue to be clarified technically.
- Knoppix: Document TBD - Karlsruhe