EGEE Training Report German / Swiss Federation

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Edinburgh / 28.11.05

Forschungszentrum Karlsruhe

Institute for Scientific Computing (IWR)

- Part of the „Helmholtz Gemeinschaft“
- One of the largest independent German research institutions
- Many different research areas ranging from environmental studies over nano technology to Grid Computing

Training Activities - Overview

- Forschungszentrum Karlsruhe is responsible for organising and/or running of Grid Training activities for the German / Swiss federation
- So far 20 trainings held in or by DECH federation since April 2004
- Some 380 people trained
- Cooperations with NeSC, D-Grid, APAC, Universities/RC
- Course types: LCG-2 and gLite installetion courses, application developers course, usage courses, induction courses, Webservices course, support tutorial
- Local developments: Grid-in-a-box – create a Grid in a small local cluster, e.g. to make installation courses easier to manage

Training Activities - Clientele

- FZK is a Tier-1 centre in LHC, Tier-A centre for BaBar
  - consequently: large portion of particle physicists
  - initially higher demand than resources
- "New" audiences, e.g.
  - BioMed (Course given ny NeSC in Jülich)
  - SME training given in cooperation with Fraunhofer SCAI and the NA4 group
  - Astronomy (MAGIC)
- Internal audiences (e.g. NA2 group / course at TERENA; GGUS)

Training Activities - Strategy

- In EGEE-1: 2 FTEs (1 funded) for „User Training and Induction“ (NA3) and „Dissemination and Outreach“ (NA2) in DECH federation
- Limited resources means:
  - Fulfill the demand first, then search for new clientele
  - Leverage additional man-power (e.g. by cooperating with Universities
- Cooperate with other partners (e.g. Webservices course by NeSC) to supply a wider variety of course types
- Trainings outside DECH where possible without larger overhead (e.g. in conjunction paper presentations)
- Open interface through open events

Training Activities: GridKa School

- Major annual training event is GridKa School.
- This year:
  - 17 talks, 4 (== 6) courses
- In 2004 and 2005: 70% EGEE-based
- Open event
- Mixture of lectures and hands-on sessions
- Industry participation

Training Activities: Upcoming

- In the queue:
  - likely: courses in conjunction with AusGrid '06
  - CHEP School of Computing
  - Grid Track with possible trainings at Linux Tag, June 2006
  - Lecture at “Fachhochschule” (in cooperation with GSI)
  - In the past: several contacts to publishing houses. Book creation limited by resources. But still in the queue ...
  - Enhance and extend “Grid in a box“
  - GridKa School 2006 (cooperation with D-Grid ??)

Impressions GridKa School 2004

Impressions – GridKa School 2005
Dr. Mike Mineter / NeSC

Impressions – GridKa School 2005
Jürgen Paasch, Oracle

Impressions – GridKa School 2005
gLite Usage Course