



Enabling Grids for E-science

# EGEE Digital Library

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[www.eu-egee.org](http://www.eu-egee.org)



- **The Digital Library is developed by Boon Low of the National e-Science Centre, Edinburgh**


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EDITORIAL EXEMPLAR | ARTICLE | EVENT | PRESENTATION | TUTORIAL | VIDEO

The EGEE Library facilitates the use of various training resources related to the [Enabling Grids for E-science \(EGEE\)](#) project.


Search EGEE Library    **fulltext**

 **Editorial Exemplars**

- EGEE Induction

 **gLite Resources**


- Advanced services in gLite
- The gLite FTS
- Architecture of the gLite DMS
- Overview of the gLite middleware
- Authorization and authentication in gLite
- The gLite Information System
- Architecture of the gLite WMS
- The gLite FTS
- Overview of the gLite middleware
- Authorization and authentication in gLite

 **Most Recent Training Resources**


- Advanced services in gLite
- Service oriented computing
- Exposing legacy applications as Grid services: the GEMLCA approach
- Demonstration and practical hands-on with GEMLCA
- Advanced features of the P-GRADE portal
- Grid interoperability demonstration: EGEE, UK NGS, US OSG, UK Westfocus Grid
- Practical hands-on with EGEE data management Pt. 2
- Grid application support by the P-GRADE Portal
- Demonstrations
- Practical hands-on with the P-GRADE Portal


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**Results:** Found 2860 matches. Displaying 1 - 10  Sort by date

◀◀ ◀ 1 2 3 4 5 6 7 8 9 10 ▶ ▶▶

[Advanced services in gLite](#)   
[Presentation] 2006-07-12

[Service oriented computing](#)   
[Presentation] 2006-07-12

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Den

**Results:** Found 68 matches , displaying 1 - 10

◀◀ ◀ 1 2 3 4 5 6 7 ▶ ▶▶

[Grid Proxy and Myproxy](#)  
... the URL, please select : **Grid proxy** and MyProxy Giuseppe**Grid Proxy** and Myproxy The ...  
[Presentation]

[Grid Proxy and Myproxy](#)  
**Grid Proxy** and Myproxy Title ...  
[Presentation] 2004-05-24

[Grid proxy and MyProxy](#)  
**Grid proxy** and MyProxy Title ...  
[Presentation] 2004-05-24

<http://pub-195.nesc.ed.ac.uk:20200/fedora/get/lib:733/txt2>  
... directly create a **proxy** from **grid-proxy**-Init. The proxy ... of the delegator 3) **grid** ...  
[plain]

- Resource discovery services including search and browse resource types
- Metadata search
- Full-text search inside documents, e.g. useful for location command line usage
- Cross-search other digital libraries
  - ICEAGE
  - BELIEF (in development)

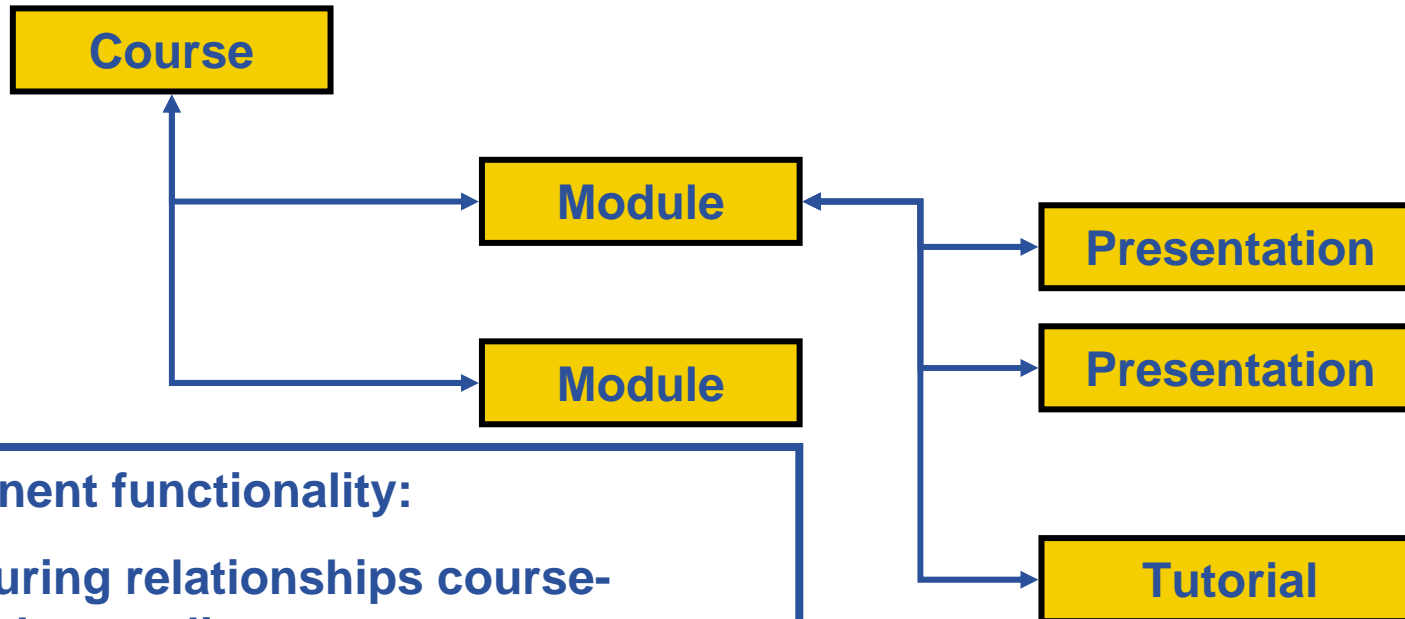
- The digital library URL:
  - <http://egee.lib.ed.ac.uk>
- Also accessible via web services:
  - **password protected – access by negotiation**
- Based on open source repository - Fedora
- Just migrated to a production server with a domain name



- **Open to everyone for search/retrieval**
- **Certificate is required for resource contribution, commenting on DL objects,**
- **You are asked to add your:**
  - **Courses**
  - **Modules**
  - **Presentations**
  - **Tutorials** (practical sessions – often a URL – note make self-sufficient with tar files etc. so can re-use in future)
- **AND to comment on material**
  - to help others make better use of it
  - To help the Editorial Task Force keep track of material to be flagged as most suitable for reuse across all EGEE federations
- **No need to add every course – but ensure the best material is in the Digital Library**
  - And then comment to say if material is superseded.
- **Can get RSS feeds to notify you of updates**

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**NOTE Be precise with these terms: will improve searchability!**  
**.... An internationally agreed taxonomy!**



**Imminent functionality:**

**Capturing relationships course-module-...as lists**

**At present, these are not connected**

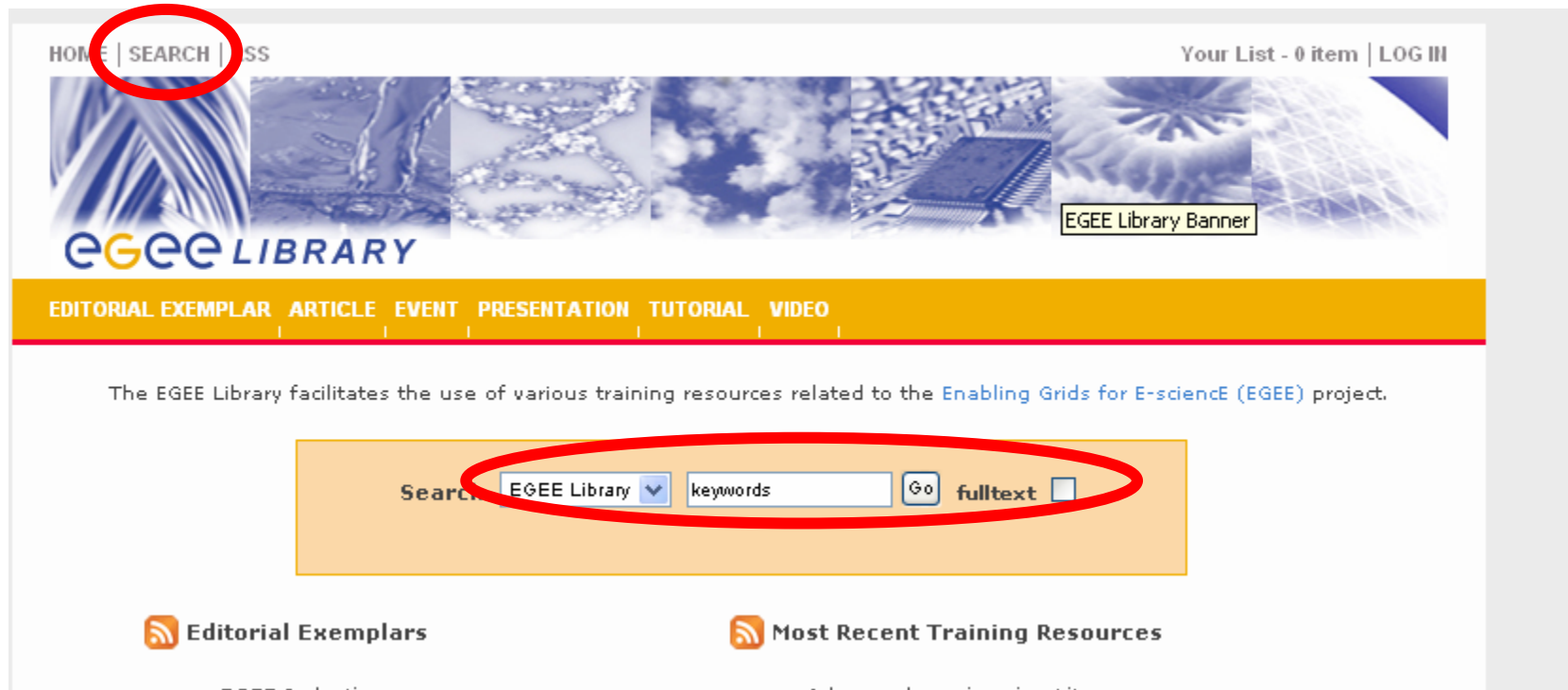
Tutorial = a practical with a closed sequence of actions

Other object types:

“Event” – e.g. EGEE Conference



- Go to <http://egee.lib.ed.ac.uk/>
- Search by either of two routes:



- Requires recognised e-science CA certificate in browser
- GILDA is recognised
- (Some EGEE-recognised CAs might not yet be included... tell me if so!)

EGEE > EGEE Library - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://egee.lib.ed.ac.uk:8080/>

Google  Go

HOME | SEARCH | RSS

Your List - 0 item | LOG IN

**egEE LIBRARY**

EDITORIAL EXEMPLAR ARTICLE EVENT

The EGEE Library facilitates the u

Search

**Editorial Exemplars**

- EGEE Induction

**gLite Resources**

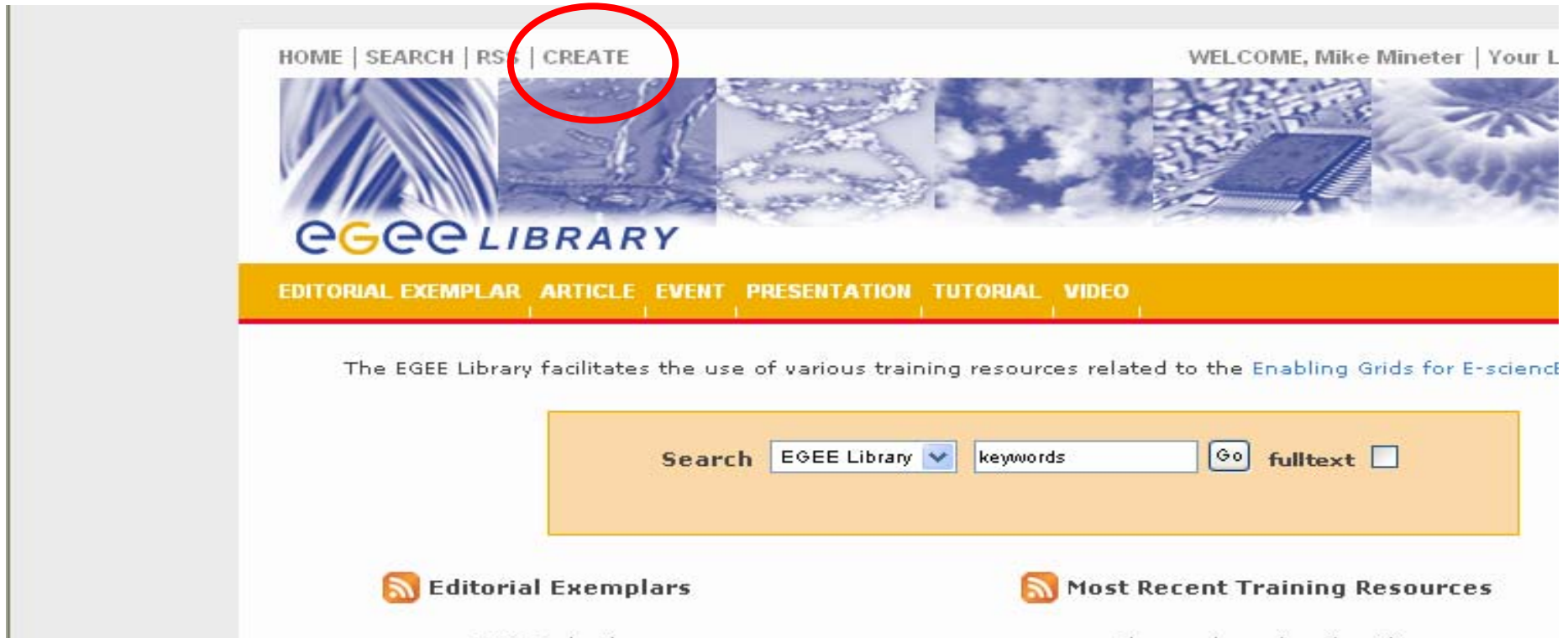
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start | 6 Windows E... | EGEE > EGEE L... | clapton.nesc.e... | Inbox - Micros... | Calendar - Micr... | Microsoft Powe...

**Login to add material or comments.... Needs certificate in your browser**

**Many CA's are accepted – not yet all!**

**GILDA certificates are accepted**



- After logging in you see a “create” option

Create a resource stub by choosing a type with a title.

Title

Type

- Article
- Audio
- Book
- Case Exemplar
- Course
- Event
- Exam
- Exercise
- Handbook/Manual
- Journal
- Module
- Presentation
- Report
- Self-Assessment
- Series
- Software
- Tutorial
- Video
- Working paper
- Web Service
- Website

Select a type best fit the resource.

is a piece of object that *doesn't exist* in the library. It is  
ires collaborative elaborations, e.g. through wiki.  
available for editing via the wiki services, *subject to the auditing*  
rary editors.  
eline.

**For NA3 objects enter**  
**Title**  
**Type: Course, Module, Presentation, or Tutorial**

Create a resource stub by choosing a type with a title.

Title

Type

Presentation

Select a type best fit the resource.

Create

Check



A resource stub is a piece of object that *doesn't exist* in the library. It is incomplete and requires collaborative elaborations, e.g. through wiki.

Once created it is available for editing via the wiki services, *subject to the auditing and review of the library editors*.

See '[stub](#)' for a guideline.

The page currently requires Internet Explorer/Mozilla/Firefox browsers.

After entering title and type, create/check options appear

Create: creates a "stub"

Attaches URL

**Title** Application Development and Aspects of gLite 3.0  
**Type** Presentation  
**Relation** New resource stub |

**Link(s)** [URI](#) [OpenURL](#) [\[this page\]](#)

### Description

This is a new resource entry (stub) which has r  
Please bookmark this page (URL) since it is not  
editors incorporate it into the main catalogue.

Please provide further details using the 'edit'  
does not contain sufficient information on the  
a stub. The library values stubs as useful first  
to communities.

**Comments** - [write a comment](#)

**Title** Application Development and Aspects of gLite 3.0  
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**Comments** - [write a comment](#)

Edit metadata



Editor View General | Description | Educational | **Save Edits**

Application Development and Aspects of Java 3.0

**Not necessary to complete all fields**

Title

Creator



Mike Mineter



Contributor



ISBN urn:ISBN: ?

ISSN urn:ISSN: ?

Part of ?

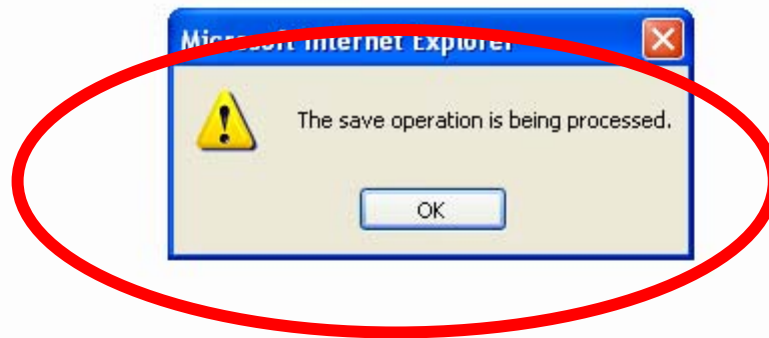
Volume

Issue

Pages

**On completion save edits**

Are you sure you want to save this - as the most current version of metadata? [No] [Yes]  
All edits will be logged as history and subjected to editor audits.



**Click on ok – don't wait!**

The page currently requires Internet Explorer/Mozilla/Firefox browsers.

## Try adding comments / material

- ... if you have a certificate in your browser

## Editorial Task Force

- **The goal of the Editorial Task Force is to collate and select material that is of particular value for trainers preparing future courses**
  - Generic to EGEE training
    - i.e. not concerned with federation-specific training
- **Current focus**
  - Maintaining selection of induction material
  - Collating material for application developer courses
- **For information see <http://www.egee.nesc.ac.uk/NA3ETF/>**
- **In near future, ETF will use Digital Library more intensively – currently “ETF exemplar” material in the DL refers to induction modules**

- **Deploying Agendmaker in Edinburgh**
- **Enables closer coupling of**
  - Agendmaker
  - Digital Library
  - Events database
- **Consequence**
  - Procedures will become more friendly to use
  - Easier to coordinate
    - Use of DL
    - Entry of event information – before and after
    - Generation of report statistics
- **Plans being formed at present**

- **Grids need effort to make collaboration happen:**
  1. Upload new material
  2. Comment on material – e.g. flag what's now outdated
  3. Comment on changes needed to current material and email ETF also!
  
- **Grids need standards!!**  
**PLEASE USE THE STANDARD TERMS:**  
**Course**, built from  
**Modules**, composed of  
**Presentations and Tutorials** where  
**tutorial is a practical, sequence of actions**

- **Give feedback on the DL**
  - To Brendan or to me - we'll pass it on !
- **Some enhancements too recent to be included here**
  - Personal views
- **Some enhancements are imminent**
  - Management of lists
- **Some**
- **The Digital Library is now *the* repository of EGEE training material**
- **Try it!!**

- **Development details and URL:**
  - <http://egee.lib.ed.ac.uk>
  - <http://wiki.nesc.ac.uk/read/egee-elearning/>
- **Contacts:**
  - David Fergusson, [dfmac@nesc.ac.uk](mailto:dfmac@nesc.ac.uk)
  - Boon Low, [boon.low@ed.ac.uk](mailto:boon.low@ed.ac.uk)