# Progress on first user scenarios

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# Overview

- Rationale
- List of use cases
- Progress so far
- Next steps

# Rationale

- **Lots of documentation:**
  - User guide (166 pages!)
  - Manuals
  - Web sites
  - …
- **Can be overwhelming**
- **Hard to find specific information**
- **Try to distil into small, discrete use cases**
  - How do I … ?
  - Not intended to replace the User Guide
- **Stored on web pages – one idea per page**
- **Links to further information**
  - Including associated code, scripts etc where appropriate

# Target audience

- **Beginners**
  - Right from the start: how to get a certificate
  - Need simple instructions to get people going
  - Avoid the complications of the full Grid documentation
- **Normal users**
  - Some specific tasks which are likely to be common
- **Skilled users**
  - More complex tasks aimed at specific classes of users

# What is a use case?

- A use case is defined as one specific action that has a beginning and an end
- "Submit a job and get results" ends up being two distinct use cases: "Submit a job" and "Get Job Results"
- The use case should take information from other readily available material and describe this task only
- It should be possible for anyone to follow the steps described and get the same results
- Use cases may build on others, so there is some degree of progression through the list, but they should not be strongly coupled

# Use case format

- Define the task
- Specify any preconditions or assumptions
- List the series of steps to achieve the task, in sufficient detail that any competent person can follow them
- Explain possible variations in the procedure if they are both important and strongly connected to the main purpose
- Explain common things which can go wrong, and how to recognise and deal with them

# Assumptions

- **Must specify preconditions**
  - shell, environment, …
  - Which web browsers?
- **Assumptions about existing knowledge**
  - Linux expert? At least assume an understanding of shells, command lines, file manipulation/permissions etc
  - Basic Grid knowledge
  - Know which VO to join
  - Speak English!

# Other issues

- **Style: tutorial vs. commented script**
- **How much detail, how many alternatives per case?**
  - If they are really atomic there may be a lot of them
- **How to manage transitions, e.g. edg-job-* -> glite-job-***
- **VO-dependent parts (especially VO name)**
- **Dummy values, e.g. host names?**
- **How much verbosity – popups?**
  - How much do users really need to understand?
    - Teach a man to fish …
    - Some users like to know, others just want to do the job
- **Must test/review**
  - On a regular basis – things change
  - Who?

# Use cases - beginners

- **Get certificate, register with VO**
  - NB CAs, VOs and browsers are all different …
- **Prepare a job**
  - Simple JDL (hello world)
- **Run a job**
  - Input sandbox, *-job-submit
- **Monitor job status**
  - *-job-status, -logging-info
- **Recovering results**
  - Output sandbox, *-output
- **Simple file manipulation**
  - Register/replicate/access/delete Grid files

# Use cases – normal users

- **Resource/service discovery**
  - BDII, R-GMA, GLUE schema, service discovery API
- **Linking jobs and data**
  - Jobs with data requirements
- **Environment setup (staging)**
- **Monitoring status**
  - R-GMA
- **Software installation**
  - with a job, via SE
- **Short-deadline job submission**

# Use cases – skilled users

- **Software installation**
  - Installing software on a site
- **Large-scale data transfer**
  - FTS
- **Advanced monitoring**
  - R-GMA etc
- **Data encryption**
- **AMGA metadata**
- **MPI**
- **Workflow examples**
- **VO deployed services**
- **Biomed application kernel**
- **Geo application kernel**

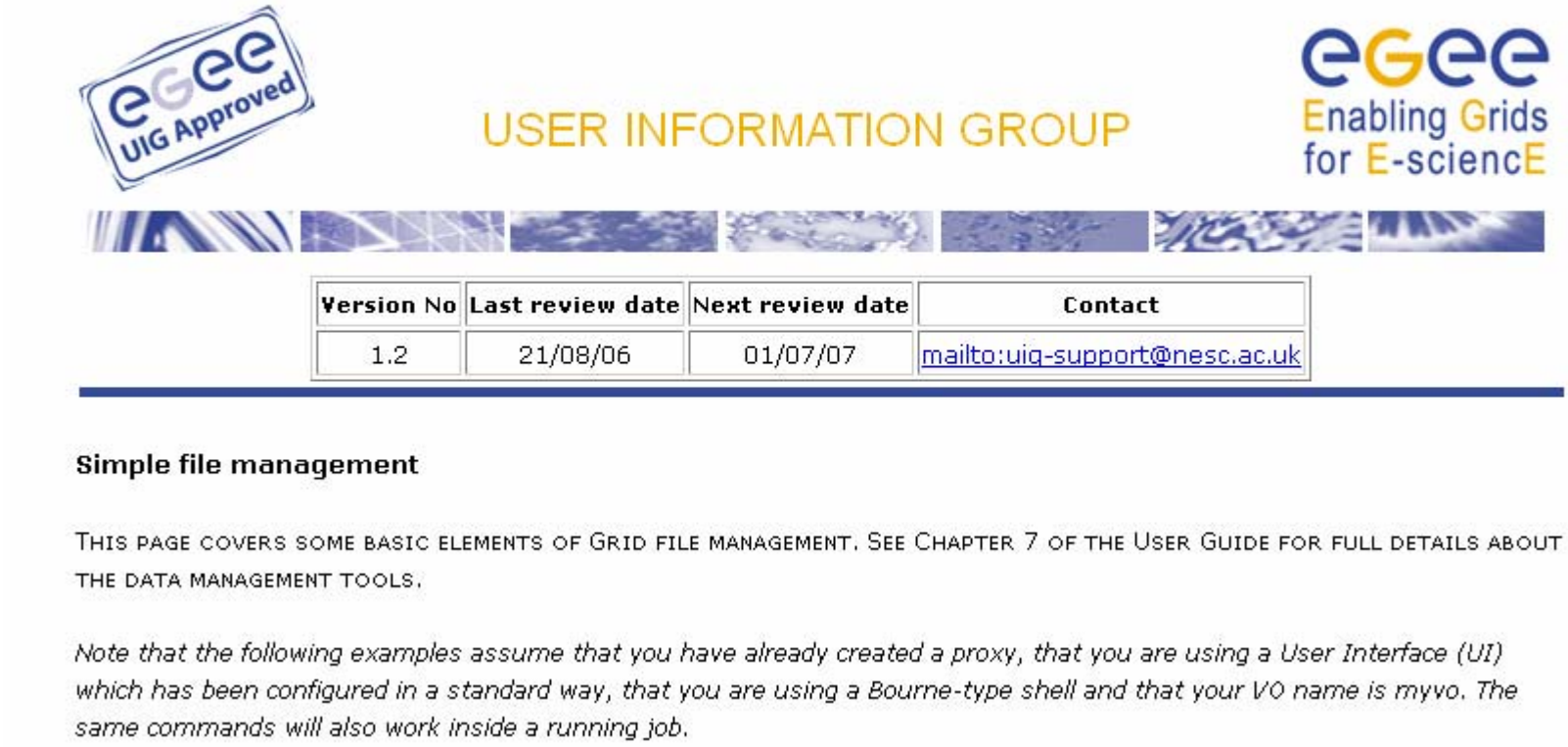
# Other ideas

- Dealing with errors/problems
- Interacting with GGUS
- Any more?

# Progress to date

- **Start with “beginner” cases**
  - Initial text has been written for these
- **Working on format for web pages**
  - Example page here
  - and a different layout here
  - What do people like?

# Possible page layout



USER INFORMATION GROUP

| Version No | Last review date | Next review date | Contact |
|---|---|---|---|
| 1.2 | 21/08/06 | 01/07/07 | mailto:uig-support@nesc.ac.uk |

**Simple file management**

THIS PAGE COVERS SOME BASIC ELEMENTS OF GRID FILE MANAGEMENT. SEE CHAPTER 7 OF THE USER GUIDE FOR FULL DETAILS ABOUT THE DATA MANAGEMENT TOOLS.

*Note that the following examples assume that you have already created a proxy, that you are using a User Interface (UI) which has been configured in a standard way, that you are using a Bourne-type shell and that your VO name is myvo. The same commands will also work inside a running job.*

# Next steps

- **Complete the “beginner” cases**
  - Get them reviewed by a real beginner!
- **Settle on a design for the web pages**
  - Also decide how to store the data
- **Open to the public and ask for feedback (soon)**
- **Then work on the more advanced cases**

# Discussion

- **What do you think?**