

eScience Grid

- COMP6720 Project IV for 6 units
- Literal preparations for a research project
- 31/07/2006 as Initial Presentation
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Outline

- What to do?
- How to do?
- Some references
- Draft timetable

What to do?

- Understand essential foundations of Grid Computing
 - why grid computing?
 - how does grid computing works?
 - where can it be applied?

What to do? (con)

- Understand DataGrid
 - What is the difference between DataGrid and Grid Computing from various perspectives?
 - Understand the key parts and unique parts of DataGrid

What to do? (con)

- Try to discover some points for improvement or take some challenges
 - Locate those drawbacks and challenges
 - work out approaches to improve the drawbacks and some ideas to conquer the challenges

How to do?

- It is a literal preparing project
- Read books and papers and explore from one to many
- After the points have been located, concentrate on the specific one and integrate the material involved, then, if possible, work out my own

Some references

- “The Grid 2” by Ian Foster and Carl Kesselman
- Tutorials from EU DataGrid
- Papers from eScience conference 2005
- more if needed

Draft timetable

Week	Assignments
1 ~ 3	Locate direction
4 ~ 7b	First draft
8 ~ 9	Supervisor review and discussion
10 ~ 11	Draft refine
12	Review and discussion again
13	Finalize report
after	Prepare for final presentation

Thank you very much!