

BOSC-02. Script for “Personalised biological services on the Grid

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1 Intro

- **Name rank and serial number.**
- MyGrid. Being going on for about six months now.

2 What is MyGrid

- **Read out the slide!**
- Okay but what actually is MyGrid

3 But what actually...

- Easier to describe the problem first.
- **Slide Transition**
- Bioinformatics tasks are characterised by having to access many distributed services, which are highly heterogenous, operating over many forms of data, performing many kinds of tasks. Often need to string many of these together to get it all to work.
- Last time bioMoby and MyGrid, MyGrid went first. Other way around this time, which is good as I have only five minutes

4 How can we help?

- Five major things I want to mention.
- **Read the Slide**

5 Dynamic Service Discovery

- What services?
- **Slide Transition**
- What kind of services?

6 Metadata

- MyGrid will make heavy use of ontological metadata.
- Avoid free text
- Allow hierarchical specification of services
- Sanity checking. “Type checking”

7 Workflow

- Connecting services
- Not all stages in a workflow are computational though, human input may be necessary. How do we coordinate services with people.

8 Personalisation

- Different people have different views. Want to build on work like DAS.
- **Slide Transition**
- Personalisation of other aspects as well. Different views on workflows for instance.

9 Provenance

- Most bioinformatics resources report results.
- But not how results were obtained, over what resources.
- Avoid forensic analysis of data.
- **Slide Transition**
- Why did I do that.
- Actually, we’re not going to do anything about this. Its definitely your problem.

10 Current Status

Read the slide

11 Contributors

- What a lot.