MyGrid

Personalised biological services on the Grid

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What is MyGrid?

Funded as part of the UK governments "E-Science" initiative.

"The goal of MyGrid is to design, develop and demon-strate higher level functionalities over an existing Grid infrastructure that support scientists in making use of complex distributed resources."

But what actually is MyGrid?

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- Distributed Services

- Heterogeneous Services

- Combining Many Services

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Similar issues to bioMoby, and webservices.

How can we help?

- Dynamic Service Discovery

- Metadata

- Workflow

- Personalisation

- Provenance

Dynamic Service Discovery

What services are available?

Dynamic Service Discovery

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What kinds of services are available?

Metadata

- Service discovery without free text search.

- More or less specific searching...
  "give me a BLAST service",
  "give me a sequence similarity search".

- Allow sanity checking.
  "does searching SWISS-PROT with DNA sequence make sense".

Workflow

How can we connect multiple services together?

Workflow

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How do we co-ordinate workflow enactment with the user?

Personalisation

Different people have different views on the data.

Personalisation

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Different people have different ways of performing analysis.

Provenance

How did I do that?

Provenance

How did I do that?

Why did I do that?

Current Status

0.1 release sometime in September. Hope to provide basic access to services.
Access to CVS about the same time.

`http://www.mygrid.info/`

Contributors

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