INB – Feb2005 Wokshop

8-9 Feb 2005
INB – Nodo Computacional UPC/BSC
Barcelona - Madrid

Day 1 – Tuesday 8

11:00 Presentación y Marco de Trabajo (15')
David González Pisano

11:15 Revisión trabajo de los nodos I (45')
Nodos

Revisión del trabajo de los nodos durante este periodo (primera parte). Cada nodo realizará una breve exposición (no más de 10-15 minutos) del trabajo que ha desarrollado desde la última reunión.

12:30 ← BREAK → (15')

12:45 Revisión trabajo de los nodos II (45')
Nodos

Revisión del trabajo de los nodos durante este periodo (segunda parte). Cada nodo realizará una breve exposición (no más de 10-15 minutos) del trabajo que ha desarrollado desde la última reunión.

13:30 ← LUNCH → (60')

14:30 BioMOBY – State of the art and future of the Standard [Round Table] (90')
Rebecca Ernst

Rebecca Ernst (MIPS, Munich, Germany) is the coordinator of the PlaNet project (http://mips.gsf.de/projects/plants/PlaNetPortal/index_html). PlaNet aims to develop and deliver a high level plant genome database for the systematic exploration of Arabidopsis and other plants.

Since the information resulting from experiments and bioinformatic interpretation is highly complex, the compilation of information resources requires dynamic information acquisition, expert curation and the integration of bioinformatic methods. PlaNet is a distributed, shared effort among both experienced bioinformatics groups and plant molecular biologists to establish a comprehensive integrated database in a collaborative network.

The connection between the individual resources is done with BioMoby (biomoby.org), which provides an architecture for the discovery and distribution of biological data through web services.

Objetives

- Understanding what the actual status of the BioMOBY standard is
- To know how BioMOBY is being used in other projects (PlaNet)
- Understanding what the future of the BioMOBY standard could be

16:00 ← BREAK → (15')

16:15 – 18:45 Taverna – myGrid, Taverna and bio Web Services [Tutorial +Talk] (150')

Tom Oinn

Tom Oinn is Project Leader at the Peter Rice grop in the EBI. He is the lead of the Taverna project (http://taverna.sourceforge.net/), which aims to provide a language and software tools to facilitate easy use of workflow and distributed compute technology within the eScience community.

Taverna is part of the myGrid project, that has developed a comprehensive loosely-coupled suite of middleware components specifically to support data intensive in silico experiments in biology. Workflows and query specifications link together third party and local resources using web service protocols. The taverna software can be freely downloaded and has been used for building discovery workflows for investigations into Williams-Beuren Syndrome and Grave's Disease by collaborating Life Scientists.

Topics

- Introduction to mygrid (the Project, the tools)
- Introduction to taverna
- Taverna hands-on
- Bio Web Services

Day 2 – Wednesday 9

9:00 WebServicesTool and Eclipse [Tutorial +Talk] (60')
Roman Roset

10:00 Biological Databases [Talk] (20')
Enrique de Andrés

10:20 MoWServ [Talk + Round Table] (60')
Oswaldo Trelles

11:20 ← BREAK → (10')

11:30 Node 4 [Talk] (20')
TBD

11:50 GEPAS [Talk] (20')
TBD

12:10 BioMOBY – Propuestas de ampliación [Talk + Round Table] (50')
Jose María Fernández

13:00 GeneID DAS Annotations [Talk] (20')
Francisco Cámara

13:20 Central Node Collaboration Resources [Talk] (20')
Eduardo Andres Leon

13:40 ← LUNCH → (80')

15:00 General Discussion, Planification and Next Phase Tasks (210')

From 18:30 - Closing and farewell

Historial

1.0	**DG**	**31/01/2005**	Primera versión, enviado para comentarios