

2007 Montpellier Platform Development Workshop

Agenda

Monday 26 November

- GCP platform SP1/2/3 work planning for 2008. See GCP platform work plan meeting minutes below

Tuesday 27 November

11:00 – 12:30 Opening of the GCP platform - Technical Workshop Portion:

- Discussion of Objectives

2:00 - 4:00 Session I: GCP DataSources: the API & Validation (M. Senger)

- The purpose of the first part of this session is to introduce the GCP data source API & the use of the framework.
- The purpose of the second part of this session is show how to formally validate GCP DataSources.

Wednesday 28 November

Morning

9:00 – 10:00 Session II: Inventory/Presentation of Existing Data sources (M. Anacleto/R. Bruskiwich – M. Ruiz)

- Overview of data sources developed at IRRI
 - ICIS DataSource (intro)
 - MOBY Client DataSource (intro)
 - Chado DataSource
 - BioJava DataSource
 - GDPC DataSource
 - MAXD microarray DataSource
- CIRAD DataSources
 - TropGenes
 - OrygenesDb
- Inventory of existing GCP data sources
- Use cases

10:00 - 11:00 Session IV: A DataSource Development Case Study: Details about the ICIS DataSource framework (M. Anacleto)

- Case Study: the ICIS HttpInvoker + HQLFactory framework for ICIS

11:00 - 12:00 Session V: A DataSource Development Case Study: Details about the Moby client GCP DataSource (M. Anacleto/R. Bruskiwich)

- Presentation of the Moby Client Data Source package and how it can be used to implement data source for Moby services.
- MOBY Client Data Source Tutorial

12:00 – 1:00 Session VI: General Discussion about GCP DataSource technology (M. Senger)

- Discussion about the good, the bad and the ugly of GCP DataSource implementations
- Discussion of the need for a writable DataSource (add "save" method to DataSource interface? New DataStore interface to extend from DataSource?)

Afternoon

2:00 - 3:00 Session VII: Data consumer API (M. Senger)

- Short introduction on DataConsumer API

3:00 - 4:30 Session VIII: Data consumer API (M. Anacleto/R. Bruskiwich)

- Introduction to Koios
- How can web platform efforts between GCP partners - CIRAD, IRRI, ICRISAT - be better coordinated

4:30 - 5:30 Session IX: Soaplab and the GCP DataTransformer API

- SoapLab2 protocol (M. Senger)
- Short introduction of GCP DataTransformer API

5:30 - 6:30: General discussion & other business?

6:30 ++ Wine & Cheese at Elizabeth Arnaud's place

Thursday 29 November

9:00 am - 4:00 pm Session X: Data source (data consumer) practical implementation

- This session will be dedicated to hands-on implementations. Each participant should have a concrete implementation in mind to be shared as a data source. (Video conference with partner centers may be organized if needed.)
 - GCP platform support for Tapir/BioMOBY integration (Martin, Mathieu, Milko, Richard)
 - GCP DataSource wrapping of ICRIS (Mylah, Subramanyam)

- Web-based application integration including web invocation of 3rd party tools (Marcos, Andrew Farmer, Georgios, Max(?), Manuel(?), Xavier(?), Pierre(?))

4:00 - Tea break with Bioversity staff

4:45-6:00 Local activities

- Option 1: Session VIII (continued)
- Option 2: Visit of rice mutant greenhouses of Cirad
- Option 3: Visit of new Amazonian greenhouse at Lunaret's park

(Dinner in city center)

Friday 30 November

Morning

8:30 - 9:30 Session IX: Project coordination & best practices (Chaired by R. Bruskwiech)

- Review and discussion of available project management resources: CropWiki & CropForge (R.Bruskwiech, filling in for T. Metz)
 - Open access GCPwiki, mailing lists, trackers, code management manuals (http://cropforge.org/frs/?group_id=52), file release, etc.
 - Who are using trackers, mailing lists, discussion forum? How do developers plan for SUPPORTING the software once it has been developed? That is where all the communication tools on CropForge could play a role.
 - Is there a need for training manuals, etc. Have a look here at a training video that we have developed: FM_repository_compare_video (when we play the video, sound need to be turned on). Do people need such video clips for CropForge support, or the support of the platform software?
- Review, update and further elaboration of best practices & code management standards: SVN, Maven, etc. (M.Senger)
- General discussion: Status of the GCP platform project: how can we do it better?

9:30 - 11:30 - Session X: summary and prospects for 2008

Afternoon

Session XI: Review and validation of data sources produced during the meeting