

Flow Informatics and Computational Cytometry Society (FICCS)

Development Conference Call Summary

Attendees:

BCCRC: Ryan Brinkman, Josef Spidlen, Settimo Szliske
Newport Instruments: Robert Leif
UT Southwestern: Jamie Lee, Yu (Max) Qian, Jennifer Cai, Megan Kong
FCCC: Olga Tchuvatkina, Elizabeth Goralczyk
UM: Peter Wilkinson

November 29th, 2006, 10:30am PST

Summary:

1. Frequency of calls: Agreed on every second week.

Weekly basis was initiated to reflect active initial FuGE extension development by Josef and Peter. Every other week is more appropriate as the character of recent action items does not allow completing within a week.

Next call: Wednesday December 13th, 2006, 10:30am PST

(Christmas break after that)

2. Review Action Items from previous calls:

- **Completed:** Ryan will circulate within the flowcyt-devel list useful standardization manuscripts from the latest issue of Nature Biotechnology.
- **In progress:** Everyone should get members from broad community involved, i.e., educate first and see who is interested to participate.
- **In progress:** Settimo: Gating parts into FuGE by the end of the year
 - Discussion about pros and cons of storing partial results while encoding gating (e.g., percentage - population of the parent population).
 - Ryan will report Settimo's results as this was Settimo's last call
- **In progress:** Josef and Peter: FuGE - Data transformation parts
- **In progress:** Richard: FuGE - Biological sample / preparation, and related details
- **In progress:** Peter: FuGE - Audit support (QC/QA protocols)
- **In progress:** Olga/Elizabeth: Compare FuGE closely to MIFACE/MIAFE
- **In progress:** Josef will encode both the transformation approaches in XML, which may help with further justification.
 - Initial xml document was circulated.
 - The two approaches were briefly discussed.
 - More details may be included along with further FuGE extension (e.g., data transformation parts).
- **In progress:** Olga/Elizabeth tries to encode both the approaches on a database level.

- **In progress:** Ryan: prepare list of data transformation "terms" that should go into OBI; Max (UT Southwestern) provides his input.
 - To be completed by the end of the year (i.e., for the next call).
- **In progress:** Ryan: provide an open source converter between FCS4 and a human readable ASCII encoded CSV format.
 - Development started; to be completed in a few weeks.
- **In progress:** Ryan: investigate possibilities of implementing a wiki page as part of the new ficcs.org web site.

New Action Items

1. **Action Item:** Everyone: Please share any use cases that could be add to the list sent by Richard's group.

Peter mentioned performance aspects of Hibernate; this should be investigated/tested more. Peter is going to experiment with this technology; anyone interested to join/share thoughts is welcome.

2. **Action Item:** Peter: takes the ER schema from Andy Jones (FuGE); reverse-engineers the SQL into a presentation-suitable form and circulates the result.