

# Flow Informatics and Computational Cytometry Society (FICCS) Development Conference Call Summary

## Attendees:

BCCRC: Ryan Brinkman, Josef Spidlen  
UT Southwestern: Jamie Lee, Yu Qian (Max), Jennifer Cai, Megan Kong  
FCCC: Elizabeth Goralczyk, Thomas Moloshok

**January 24, 2007, 10:30am PST**

## Summary:

Apologies for the initial technical trouble.

**Action Item:** Ryan checks with IT support and lets everyone know the conference password for the next call.

**Resolved:** The new entry password: 072902 is effective from February 21<sup>st</sup> to December 26<sup>th</sup>, 2007; the old password (071561) is good until Feb the 7<sup>th</sup>, 2007.

## Agenda Topic 1 - MIFlowCyt

The latest version of MIFlowCyt was discussed. BD's two main concerns will be addressed as follows:

**Action Item:** Jamie will develop a discussion and examples on why is analyte+detector not redundant, i.e., detectors binding to different targets in different experiments by Friday.

**Action Item:** Josef will include by Friday the possibility of expressing results of a gate applied to a population if the gate (i.e., "boundary") itself is unknown (i.e., a black-box gate, clustering algorithms, etc.). It will be suggested to use either an additional FCS4 file (i.e., copying out events in the particular gate) or some kind of index file unambiguously referencing into the original data file.

After these updates, we will wait for approx. one more week to see if there are more comments from BD. After that, MIFlowCyt will be announced to broader community (including ISAC).

## Agenda Topic 2 - FuGEFlow

Currently, we have several approaches/models extending FuGE; they have provided valuable lessons for all of us. However, the initial models are not quite compatible and not completely valid for use with model-driven architecture tools (AndroMDA). The group has agreed to start refactoring the model using the following strategy:

- We will establish a developer group working directly on the extensions: Josef, Max, Olga, Peter (open to others if someone else is interested)
- Each particular extension shall be (i) agreed within the developer group, (ii) performed by a member (or members) of the developer group, (iii) formally checked/validated against AndoMDA tools, (iv) inspected and agreed by the developer group, (v) presented to the broader FICCS community.

Initial step will be high level only: create and agree the UML package structure for further extensions, each package having a “content definition” attached.

**Action Item:** FuGE developer group: proposals for the package structure should be prepared. These do not have to be in UML; some kind of txt/xls (+including the package hierarchy) should do. The structure will be modeled in UML once agreed.

**Action Item:** Josef prepares guidelines on how to use AndroMDA and related tools to derive XSDs and formally validate the UML model. These will be posted on the FICCS Wiki page.

Next call: **Wednesday, February 7, 2007, 10:30 PST.**