

BioPAX Work Group
January 5, 2005 Conference Call Minutes

Participants: Gary Bader, Michael Cary, Kam Dahlquist, Peter Karp, Joanne Luciano, Suzanne Paley, Jonathan Rees, Ted Slater, Vincent Yau, Jeremy Zucker

Summary:

1. Publications
 - a. BioPAX paper
 - i. Gary plans to start working on it next week
 1. When done, draft version will be sent around for comments
 - ii. Basing it on Level 1 documentation
 - iii. Current thinking: submit to Nature Biotech
 - iv. Gary: We'll likely need 2+ DBs supporting BioPAX to get published
 - b. Joanne's DDT review article
 - i. Joanne will send it to Mike & Gary for review later this week
 - c. Consensus: we want the group paper to be the one people cite
2. LibBioPAX & conversion efforts
 - a. KEGG conversion
 - i. Some problems with CVS corrupting files
 - ii. Next step: convert BioWarehouse java objects to BioPAX java objects
 - b. WIT/PUMA
 - i. Mustafa is back online - Joanne & Jeremy will contact him prior to the January meeting to bring him up to speed
 - c. Reactome - programmer (Guanming Wu) will attend January meeting
 - d. aMAZE - Christian Lemer will attend January meeting
3. January F2F meeting
 - a. Location: NYC
 - b. Agenda: Main meeting (Jan 21)
 - i. Joanne suggested focusing on Level 2 on Jan 20, Level 3 on Jan 21
 1. Mike agreed with shifting most of the Level 2 work to Jan 20, but said ratification should be done in full meeting
 - ii. Joanne: ask participants their preferences (interests) on agenda
 - iii. Gary: Level 2 must be fairly solid before Level 3 planning is possible
 - iv. Mike & Gary: Perhaps orient agenda around issues, rather than levels
 1. Level 2 can cover some signal transduction (but can't do states or gene regulation)
 - v. Consensus: Ask participants what features (e.g. states, gene regulation, protein-protein interactions, evidence, etc.) they are most interested in discussing at meeting
 - vi. Jonathan (70% chance he can attend): Millennium needs genetic regulatory interactions, but not states (not doing modeling)
 - vii. Joanne: We should also talk about what people can contribute (funds or developers)

1. Mike: Perhaps form a funding subgroup
- viii. We will send out a survey asking people to rank their interests, we'll use the results to modify the meeting agenda
 1. Joanne suggested we make clear whose data can be represented by Level 2 and whose will need Level 3
- c. Agenda: Pre-meeting
 - i. Note: We might shift much of the Level 2 work to the pre-meeting
 - ii. If time, other possible activities (perhaps done in parallel):
 1. Develop proposals for open issues
 2. Database mapping - representatives from a number of databases will be present
 3. LibBioPAX – work on software tools
- d. Introductions: 1 slide each or go around the room?
 - i. Add this as a question to survey
- e. Attendees – Mike will post list on the website
4. Upcoming meetings
 - a. Joanne will meet with Edgar Wingender (BIOBASE) on Thursday
 - b. Pathway analysis CHI meeting (CHI = Cambridge Healthtech Institute)
 - i. In San Francisco, April 20-22, abstract due March 2nd
5. Miscellaneous
 - a. Geeta recently sent out sample Reactome data
 - b. Jeremy sent an email summarizing representation issues with black-box and hierarchical pathways
 - c. Joanne spoke with BIOGEN; they may get involved in a few months
 - d. Jonathan: who is good person to help with external ontology pointers (e.g. Sequence Ontology) issue?
 - i. Joanne: Post the issue to the discuss list
 - ii. One problem is that using classes as the predicates of object properties is not supported in OWL DL (though it is OK in OWL Full)