

UCSF Field Report

I2b2.org at CTSA All-Hands

Ontology Mapper Cell

- In QA Cycle
- Creating large test data set
- Creating QA test harness and regression tests
- Initiating an Alpha release cycle to get this running at UCSF, UCD and UPenn

caGRID

- Allows i2b2 to publish data marts over the grid
- Semantic interoperability
- Security

Quality Process Engineering

- Marshfield Clinic
- Scatter plot based data mining
- Targeting mechanism for quality engineering

ETL Cell

- Talend based ETL
- Nautilus consulting
- Kick off on Monday – Nautilus and Talend on-site for training

UI Development

- System Administration UI for i2b2
- Cohort discovery UI based on Stanford Stride

Sybase IQ

- The port to Sybase IQ has been completed
- Sybase would like to make a Centos based evaluation VM available to the community

Workflow Cell

- Workflow Cell - evaluating Sun CAPs (composite application framework) – a world class workflow environment
- Sun is developing a demo for us right now

caGRID Nodes

- HSDB (Human Studies Database)
- QSN (Quality and Safety Network)
- STIR (Cardiovascular Imaging Network)

- Interested in collaborations on:
 - Pediatrics
 - Dentistry

Virtualization

- VMWare and ITN (Immune Tolerance Network)
- Sun SGD (Secure Global Desktop)

Quality

- We need to work together to improve the overall quality processes within i2b2
- This may be the biggest challenge we will encounter as a group
- Need for white box testing of the SOAP interface
- Need for a formal test harness with regression testing by Cell
- We need a formal build environment where Cell contributions to the hive first require the publication of minimal documentation and the check-in of all appropriate test harness code