UCSF Field Report

l2b2.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