Infrastructure, Training and Service

Elizabeth Jurrus
Technical Manager
Software Infrastructure

- Two new developers (Dan and James)
- Regular Meetings
- New build tools
  - IncrediBuild (windows)
- New build systems
  - Windows (7, vista, xp,)
  - Osx (10.5, 10.6, 10.7)
  - Linux (OpenSuse Ubuntu CentOS)
- Unit testing to SCIRun (going to add to Seg3d)
  - Regressing testing (continued)
- Revision repositories (gforge)
  - Up to date bug databases
- Documentation: videos, tutorials, doxygen
  - SCIRun module documentation effort
Seg3D, ShapeWorks/Biomesh Client Hand-off

• Seminar series by Numira
  • Video taped
• Weekly meetings
  • Bug Tracking
  • New Features
SCIRun v5.0 Development

• User feedback meeting
• Design meetings
• Iterative release process
• First beta release: May 2013, debut in EMBC 2013 workshop
Training

- EMBC 2011: Bioinformatics, Computational Biology; Systems Biology, Modeling Methodologies (Aug)
  - Seg3D2, SCIRun, ImageVis3D

- IEEE Vis 2011: Chris Johnson co-chaired the Uncertainty Workshop at IEEE Vis 2011 (Oct)
  - International Journal of Uncertainty Quantification

- MICCAI Workshop, MeshMed: Mesh Processing in Medical Image Analysis (Oct)

- SPIE Medical Imaging: Computer-Aided Diagnosis Workshop (Feb)
  - Seg3d2

- Numira Seg3D2, ShapeWorks and Biomesh Client User Seminars
Training – University Related
Future Training

• **Confirmed**
  - Chris Johnson is chairing the Symposium on Biomedical Visualization at the Experimental Biology 2012 Conference (May)
  - EMBC 2012: Software tools for Image Based Modeling, Simulation, and Visualization (Aug)
  - MICCAI Workshop (MeshMed) on Mesh Processing in Medical Image Analysis (Oct)
  - Tech Tuesday at the TCO
    - Seg3D2, ImageVis3D on the ipad

• **Upcoming**
  - Leonardo Demos
  - IEEE VisWeek Workshop 2012
  - SuperComputing Workshop (Nov)
  - NIH Department of Health and Human Services: Short Courses on Mathematical, Statistical, and Computational Tools for Studying Biological Systems (May)