



Post Mortem

Experiences on the Access Grid

SCI Institute, University of Utah

<http://www.sci.utah.edu/>

Who is SCI?

- What do you guys do?
 - Visualization, Computational Steering, Imaging, Simulation, Haptics, VR, Pure Graphics, Computational Science...
 - Basically, cool stuff!
- What Fields do you serve?
 - Computer Science, Physics, Radiology, Cardiology, Chemical Engineering, Geophysics...

Personal Observations...

- People get adjusted quickly and want more features right away
- Like Bob B. said, users want to control the node
- I want to stop the "Can you hear me" protocol

Case in point...

What We Have...

- Video
- Audio
- PowerPoint
- Streaming Frame Buffer

What we think we want...

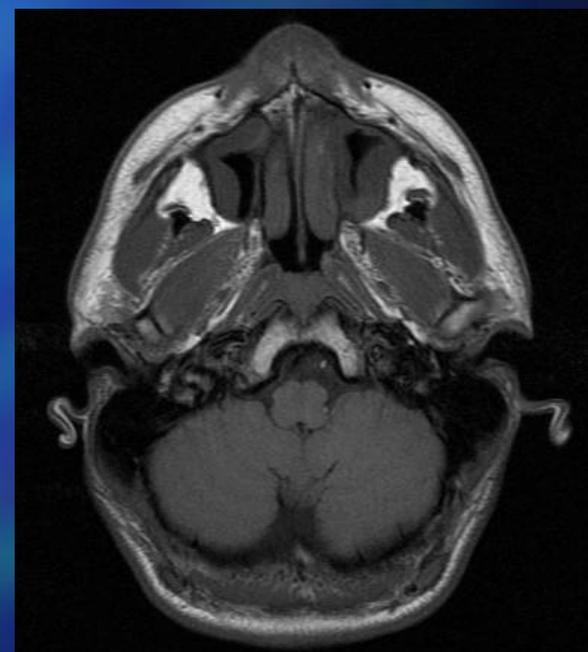
- Remote Visualization
 - It's a good idea
 - But who will use it?
- Shared Whiteboard
 - It's a necessity
 - But it's not part of the spec!
- Shared Paste Buffer?
 - It's a nice idea
 - But who's it good for?

What the Real Users Want!

- CAMT
 - Training
 - Collaboration
- Cardiology
 - Training
 - Collaboration
- CVRTI
 - Collaboration
- ASCI
 - Meetings
 - Seminars
- Little Rock
 - Visualization/Computation
- Graduate Students
 - Remote Committee Member Meeting
 - Collaboration

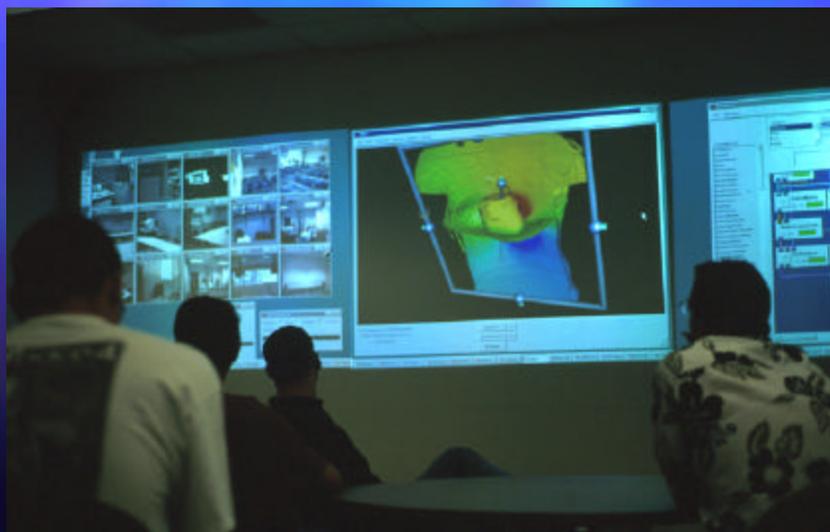
Case in Point: CAMT and Radiology

- Extract info from a PACs System
- Visualization
- Collaboration
- Annotation



CAMT and Radiology

Here's what we'd like to do:



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Cardiology

- Bruce Bray

- University of Utah

- <http://www.med.utah.edu/>

- Helly Orthner

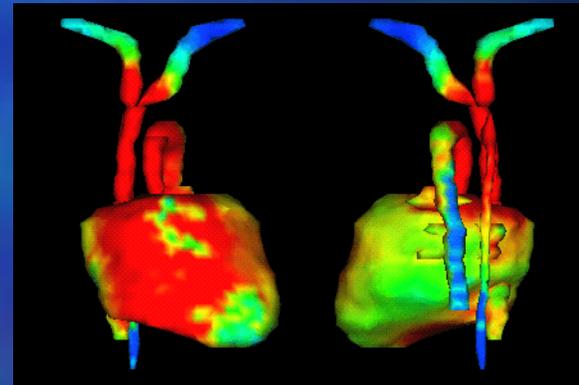
- University of Alabama at Birmingham

- <http://main.uab.edu/>



CVRTI

- Cardiovascular Research and Training Institute
 - First SCI Collaborators
 - Rob MacLeod
- What do they need?
 - Collaboration tools!
 - Who with?
 - SCI Institute
 - Northeastern University



ASCI

- Some meetings, but no real "dependency"

Little Rock

- It's currently unknown, but we suspect the need for Remote Visualization and Whiteboards

Graduate Students?

- Great resource
- Open to ideas
- Willing to meet other cool people on the net
- Need to offer "face time" with both committee members and other profs

What we should offer...

- How about a tele-course on collaborating across the Access Grid?
- How about a "toolbox?"
- How about a killer app?

What Potential Users Say...

- That's nice...
- How easy is it to get in our application(s)?
- Can I run it on Windows?
- Can I run it on Linux?
- Can I run it on the AG?

What do we have?

- Users
- Application
- Collaborations

What do we need?

- Data collection
- Analysis
- Synthesis
- Publication
 - Why publish? Peer reviews grant you credibility in all communities!

What I'd like to see...

- Define collaboration on the Access Grid
 - If there are sub-definitions, let's identify those
 - If you're not: reading ahead, coming with questions, participating, and adding labor after the collaboration, you're not collaborating
- Build a document about how to conduct a user study

Questions I have...

- Are we redefining collaboration or are we mimicking it? (The VR conundrum)
- Can we really study this technology and learn something? If so, what?
- More of a technical issue, but can we get rid of the "Can you hear me, I can('t) hear you" effect?