Global-MMCS: Global Multimedia Collaboration System

The goal of the GlobalMMCS project is to build a service-oriented collaboration system based on the Web-services framework. The system will provide scalable, reliable, pervasive, and persistent multimedia collaboration services to heterogeneous clients. Collaboration tools include audio-video conferencing, shared display, white board, and text chats.

GlobalMMCS capabilities include:
- Support for H.323, SIP, and Access Grid protocols
- Audio and video mixing services combining streams for clients like PDA’s and Polycom that only support one stream
- Codec version to RealVideo
- XGSP, a generic XML-based session management system
- Support for mobile devices
- Use of NaradaBrokering for both control and data streams
- Java clients
- Servers support several hundred clients per Linux server scalable indefinitely using NaradaBrokering’s distributed network
- Instant replay allowing annotation and rewind/forward of real-time streams (January 2005)

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