Audio/Video Collaboration Web Service

http://elkhart.ucs.indiana.edu:8080/avweb

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Project Overview

Presently, there are various videoconferencing architectures, such as H.323, SIP, Internet Audio, and Access Grid, which, in general, cannot directly interact with one another. Web Services has been proposed as a new way to service oriented distributed computing. The goal of our project is to build a new audio/video collaboration system based on the Web Services framework, which can support H.323, SIP, and Access Grid in the same audio and video meeting. In this system, varied videoconferecing terminals, using different technologies, can collaborate and share the audio and video services provided by different technical providers.

Related Publications

• *Integration of NaradaBrokering and Audio/Video Conferencing as a Web Service*
Hasan Bulut, Geoffrey Fox, Shrideep Pallickara, Ahmet Uyar and Wenjun Wu
IASTED International Conference on Communications, Internet, and Information Technology,
November 18 to November 20, 2002, in St.Thomas, US Virgin Islands

• *A Web Services Framework for Collaboration and Audio/Videoconferencing*
Geoffrey Fox, Wenjun Wu, Ahmet Uyar, and Hasan Bulut
IC'02 June 2002 Las Vegas

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