Welcome **chetnat..**

Desktop Sharing | White Board | PPT Presentation

0   20   40   60   80   100

chetna trivedi
deepika (guest)

chetnatrivedi1990@gmail.com :
hello
chetnatrivedi1990@gmail.com :
gud afternoon mam
deepika (guest) : hello
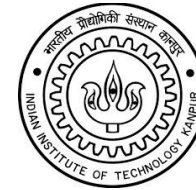deepika (guest) : gud
afternoon

Save Enter Text :
PPT Upload

BrihaspatiSync

The live Classroom

Download Source Code from -http://202.141.40.215/repos/brihaspati/trunk/brihaspatisync_client/

Technology Used-

Java

Linux

MySQL

Apache Tomcat

Help video-
http://202.141.40.215/WebApp/wiki/index.php/Video_tutorial_of_BrihaspatiSync
Wiki Link - http://202.141.40.215/WebApp/wiki/
Contact Us-

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BrihaspatiSync

The live Classroom

Objective:- Brihaspati_Sync is a live lecture delivery system build using JAVA . It uses peer-to-peer networking for creating multi cast lecture sessions. The system uses tcp, udp and http transports to make it usable in all kind of environments. To make it usable even behind firewalls and NATs, concept of reflectors have been used, which are connected to using http tunneling mechanism.

Overview

Brihaspatisync is a platform-independent highly scalable live lecture delivery and interaction tool for holding live classroom sessions over internet using both multicast and unicast technology.

The Brihaspatisync is built using java as standalone application. There are five basic components in this system. The server module manage the authentication process, allocation and deallocation of multicast IP address. It uses MySQL database which is shared with Brihaspati (The virtual class room). consequently, the instructor, student logins and passwords are across both the tools.

Feature List of BrihaspatiSync:-

- Instructor interface with full control
- Shared whiteboard
- Text chat
- Audio/video communication
- Desktop sharing
- Http-tunnel support: can also work behind firewalls
- Peer-to-peer (p2p) architecture
- Both multicast and unicast network communication
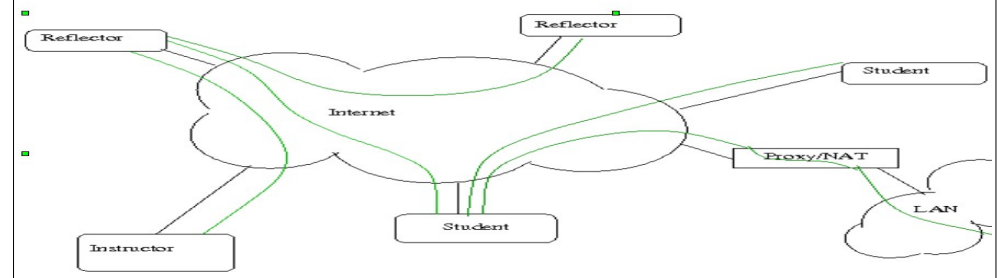- Recorder for archiving the lecture sessions.

Blogger
http://brihaspatiiitk.blogspot.in

debian
http://sourseforge.net/projects/brihaspati/files/brihaspati_sync

Architecture:-

The Brihaspatisync is built using java as standalone application. There are four basic components in this system. The server module manage the authentication process, allocation and deallocation of multicast IP address. It uses MySQL database which is shared with Brihaspati (The virtual class room). consequently, the instructor, student logins and passwords are across both the tools.

Advantages Of Brihaspati_sync:-

- Reach wider audiences
- Reduced operational cost
- Increased productivity
- Increased employee flexibility
- Richer content
- No range restrictions
- An eco-friendly solution