



# ID122 Introducing Lotus Sametime 7.5

Sara Weber  
Harry Hornreich

FUTUREINSIGHT



Lotus. software



Lotus Sametime 7.5 is a major upgrade in real-time collaboration

FUTUREINSIGHT



Lotus. software

# Agenda

- ■ **Sametime 7.5 Web Conferencing Enhancements**
- **Sametime 7.5 Instant Messaging Enhancements**
- **Sametime 7.5 Real-Time Collaboration Gateway**

# Web Conferencing Themes

- **Enhanced User Experience – creation and attending**
- **Improved Connectivity – better status and seamless reconnect**

# Meeting Creation

- Essential data on the first tab
- Renamed tabs to minimize confusion
- Additional fields display if telephone service is available

**New Meeting**


Essentials | People | Slides | Options

To create an online meeting, fill out the information on this tab, and click Save. You can also invite people, add content and set options, using the other tabs, and then save your meeting.

\* Meeting name:

Description or other meeting information:

\* Date and time:  Start Now

<< < 10/27/2005 > >>  Repeat...

<< < 11:00 AM > >>

Duration: << < 0d 1h 00m > >>

Phone services:  Use the phone number provided by my telephone service

[Get help with these fields](#)

Client ID:

Client password:

Passcode:

Service locations:

Meeting password:

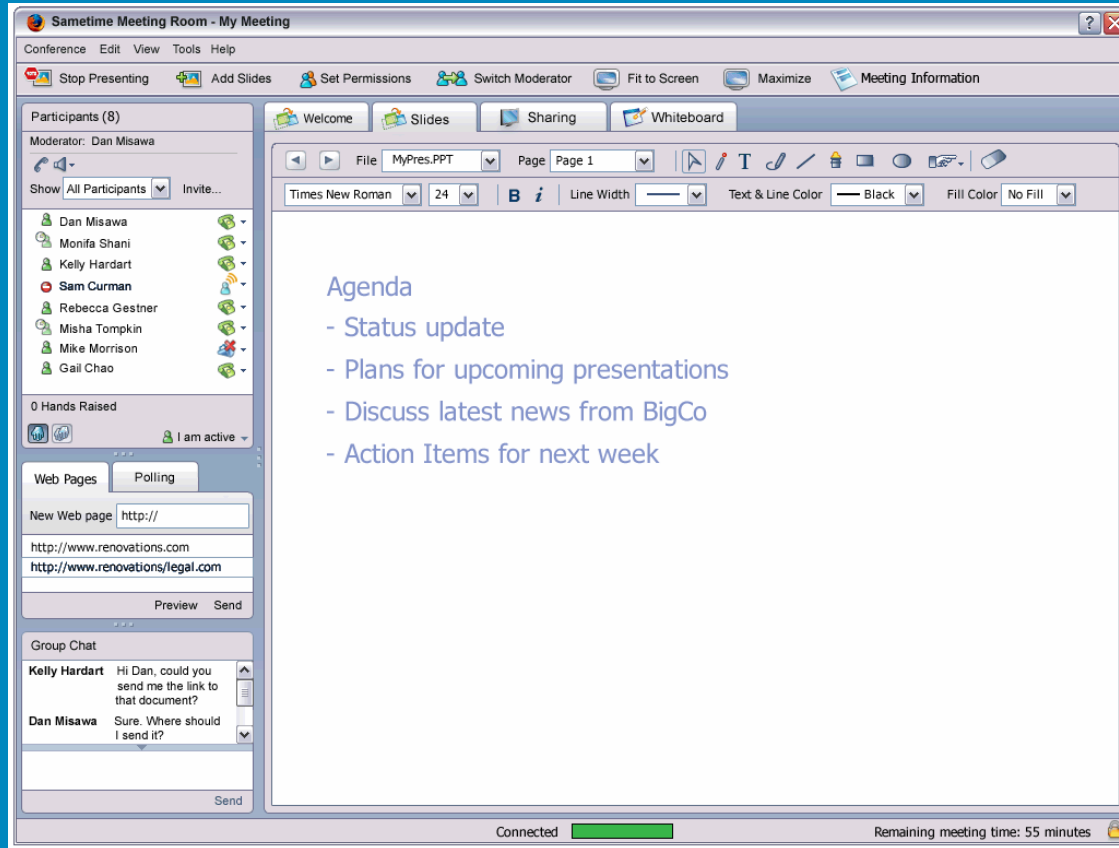
Re-type password:

\*Required field

Save Cancel

FUTUREINSIGHT

# Meet Room Client Updated



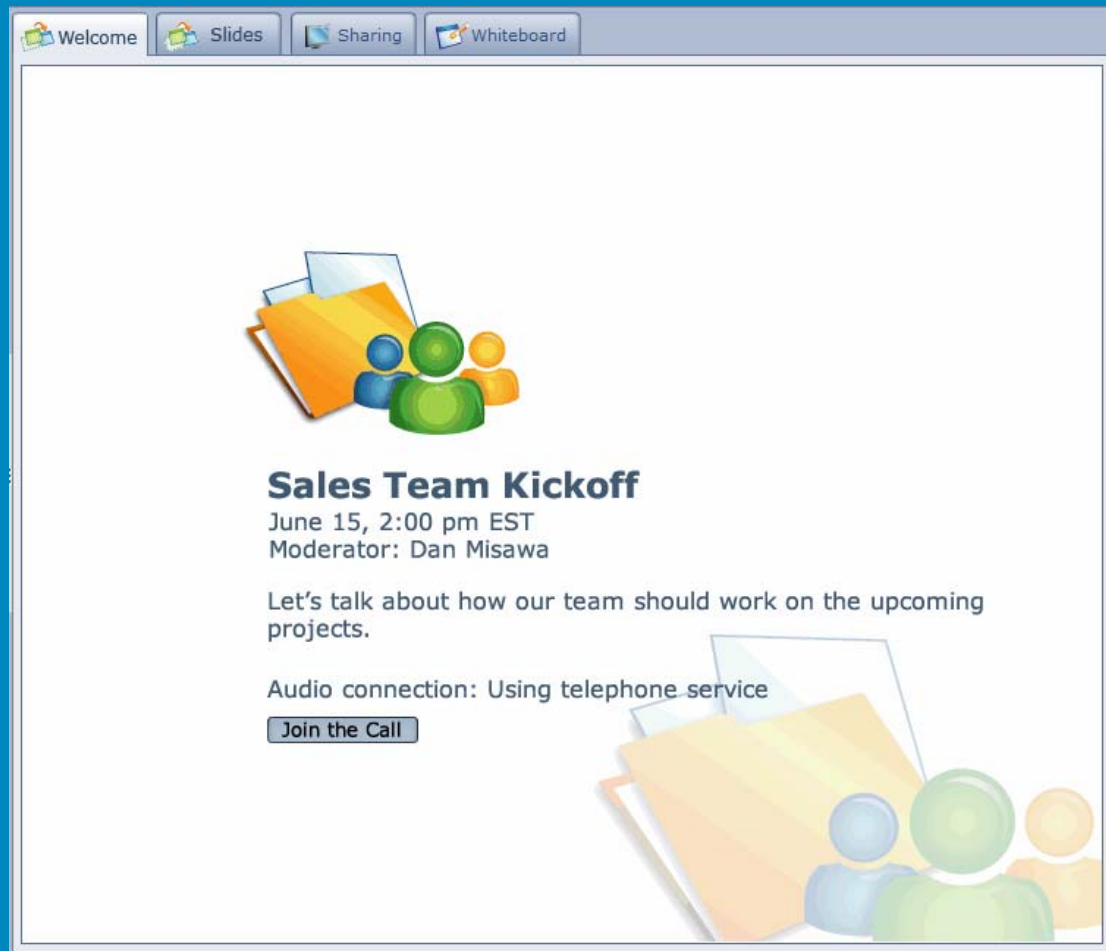
FUTUREINSIGHT



Lotus software

# Welcome Page

- Improved experience when user first enters the meeting room
- Provides helpful information
- Sites can use different background graphic



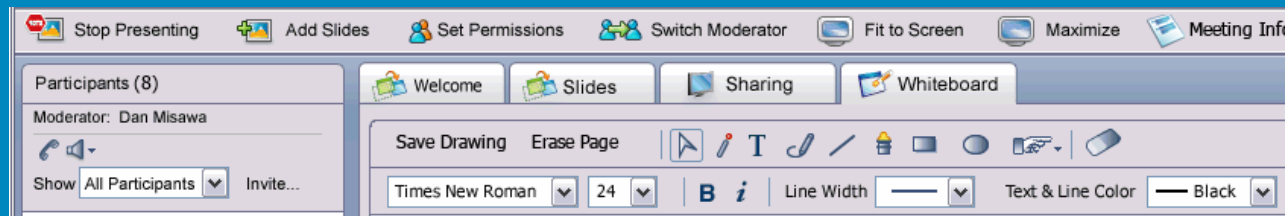
The screenshot shows a meeting room interface with a top navigation bar containing four tabs: 'Welcome', 'Slides', 'Sharing', and 'Whiteboard'. The main content area features a central graphic of a folder and people icons. Below this, the text reads: 'Sales Team Kickoff', 'June 15, 2:00 pm EST', and 'Moderator: Dan Misawa'. A paragraph follows: 'Let's talk about how our team should work on the upcoming projects.' Below that, it says 'Audio connection: Using telephone service' and includes a 'Join the Call' button. A larger version of the folder and people icon graphic is positioned in the bottom right corner of the main content area.

FUTUREINSIGHT

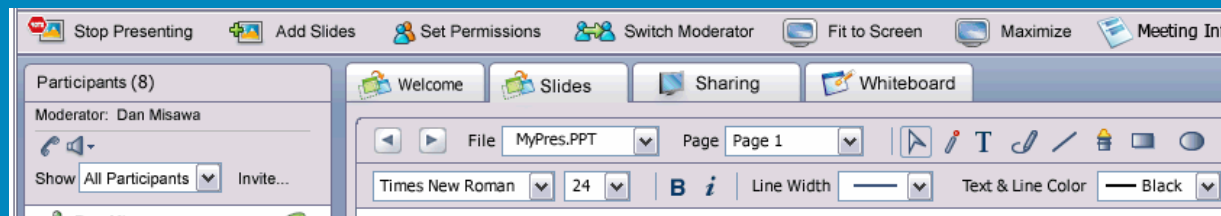
# Slides versus Whiteboard

- New Slides tab
- Annotation tools will be available with both
- Better location of “Add Slides” button
  - Page Down advances between multiple files
- Better slide conversion

Whiteboard



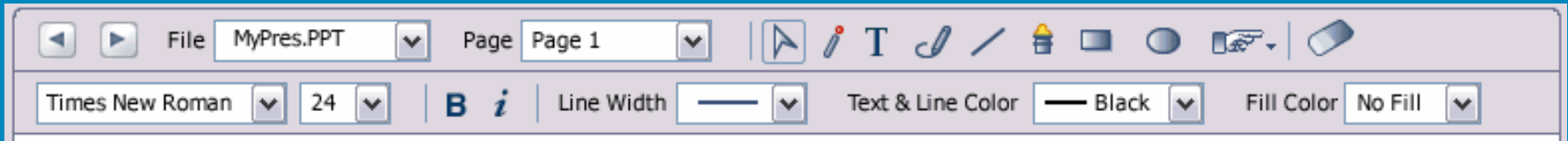
Slides



FUTUREINSIGHT



# Annotation Tools

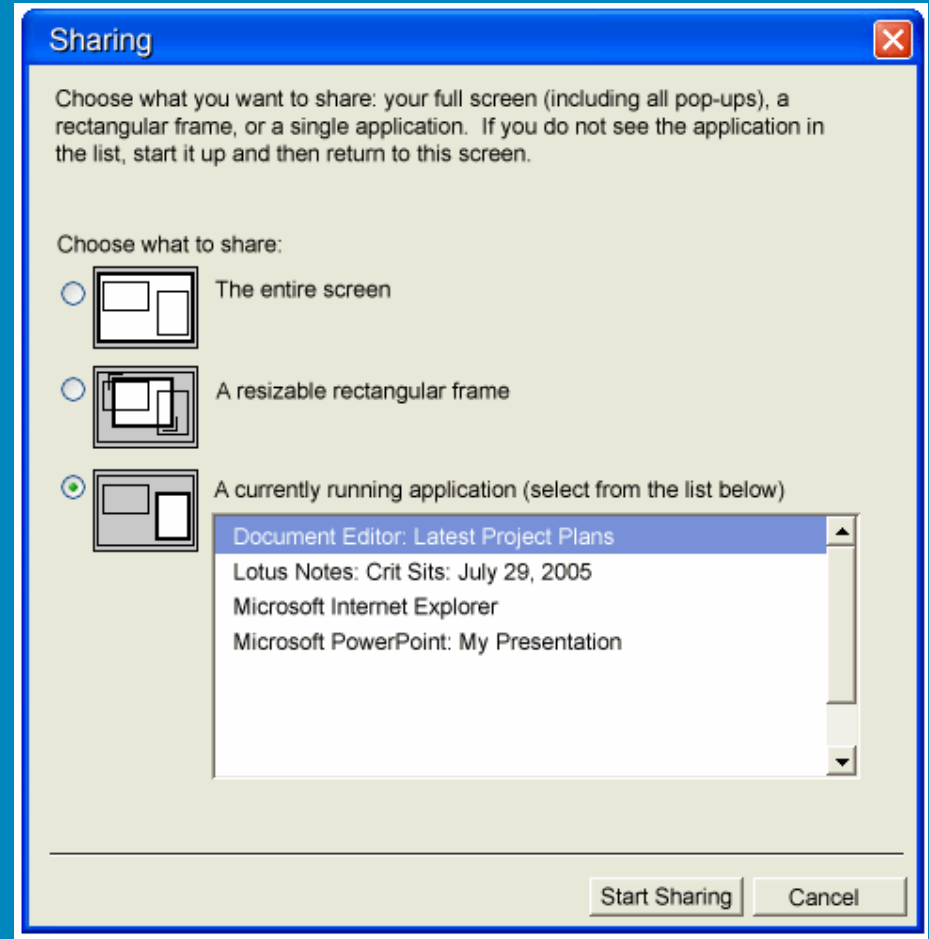


- Editable text
- New highlighter and laser pointer tools
- Modern set of annotation tools
- Easier line width and color controls

FUTUREINSIGHT

# Sharing

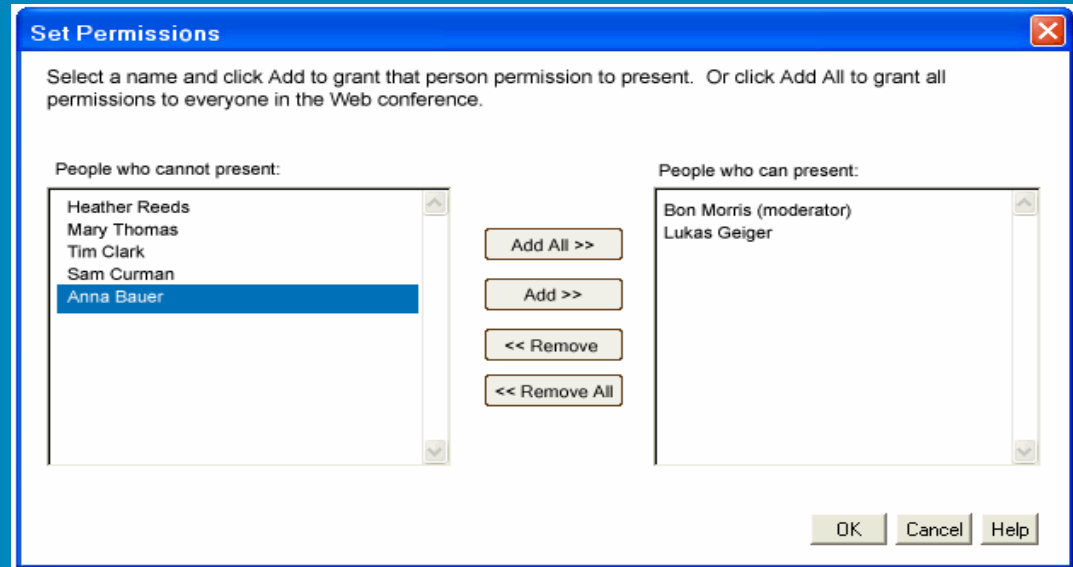
- Default will be application sharing, with correct handling of PowerPoint slide shows
- Person sharing can choose between high fidelity and high speed



FUTUREINSIGHT

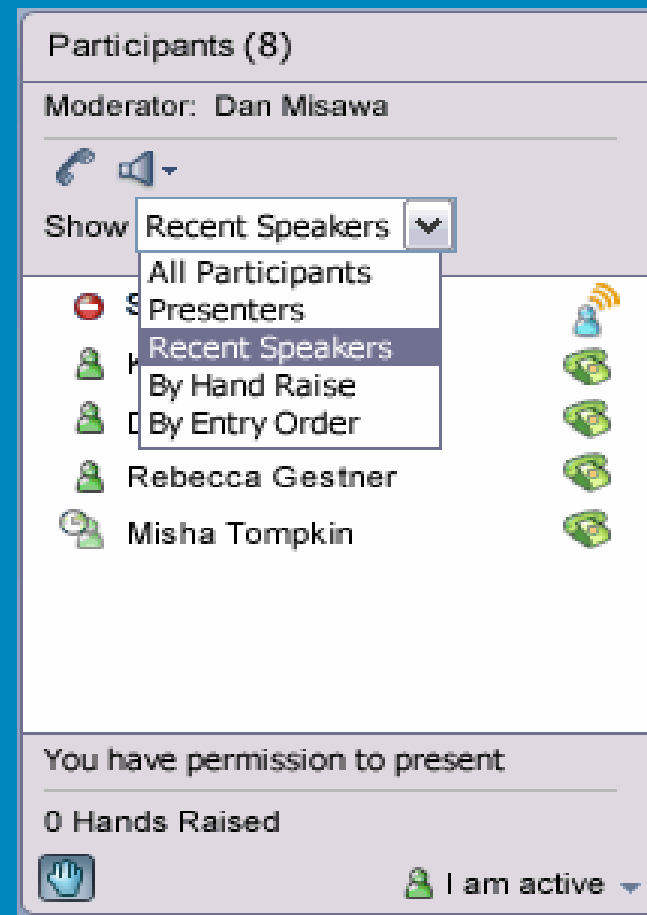
# Setting Permissions

- By default, everyone will come in with all permissions granted (default will be a server setting)
- New Permissions button
- Permissions UI:



# Participant List Views

- Show drop-down provides convenient views – including the most recent speakers



The screenshot displays a user interface for a meeting or conference. At the top, it shows "Participants (8)" and "Moderator: Dan Misawa". Below this, there are icons for a microphone and a speaker. A "Show" dropdown menu is open, listing several sorting options: "Recent Speakers" (which is currently selected), "All Participants", "Presenters", "By Hand Raise", and "By Entry Order". The main list of participants includes "Rebecca Gestner" and "Misha Tompkin", each with a green person icon and a green telephone handset icon to its right. At the bottom of the interface, it states "You have permission to present", "0 Hands Raised", and a hand icon. On the far right, there is a status indicator "I am active" with a green person icon and a dropdown arrow.

FUTUREINSIGHT

# Updated UI for Telephone Service in Meetings

- Users can see who is talking; presenters can mute noisy phones
- Convenient “Call Me” capability -- people entering the meeting click a button and have their phone ring
- Users have controls for their own phones

## Participant view

The screenshot displays a meeting interface with the following elements:

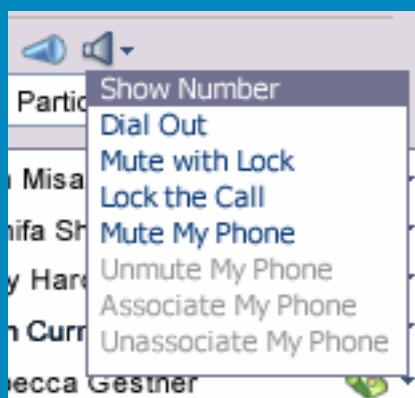
- Participants (8)**: A header indicating the total number of participants.
- Moderator: Dan Misawa**: The name of the meeting moderator.
- Phone Controls**: A set of icons for phone management, including a handset, a speaker, and a dropdown menu. The dropdown menu is open, showing options: **Show Number**, **Mute My Phone**, **Unmute My Phone**, **Associate**, and **Unassociate**.
- Participant List**: A list of participants with their names and phone status icons:
  - Kelly Hardart: Phone icon.
  - Sam Curman: Phone icon with a red prohibition sign over it.
  - Rebecca Gestner: Phone icon.
  - Misha Tompkin: Phone icon.
  - Mike Morrison: Phone icon with a red 'X' over it.
  - Gail Chao: Phone icon.
- Permissions**: A message stating "You have permission to present".
- Hands Raised**: A message stating "0 Hands Raised".
- Hand Icon**: A blue hand icon with a white cursor arrow.
- Activity**: A green person icon followed by the text "I am active" and a dropdown arrow.

FUTUREINSIGHT

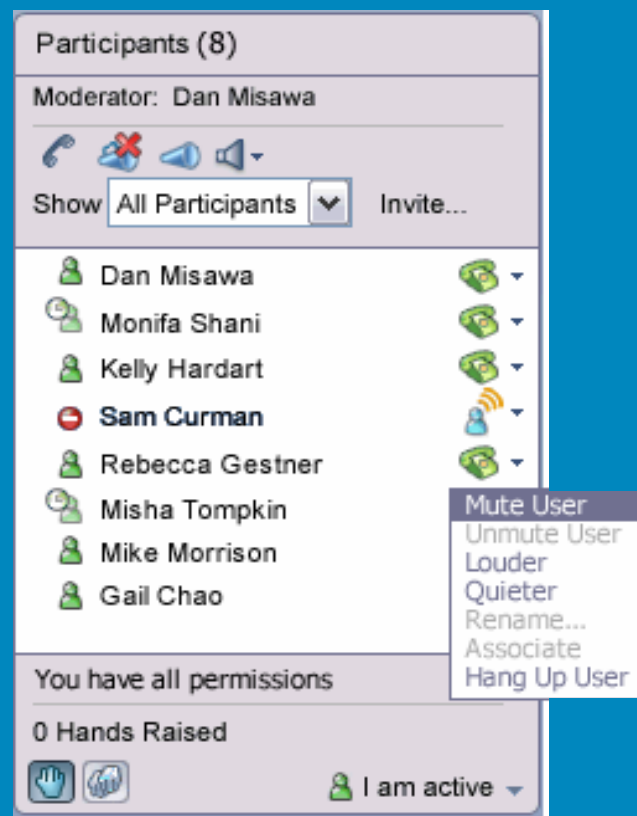
# Moderator Telephone Service in Meetings

- Manage phone capabilities for the entire meeting
- Control of individuals

Drop-down menu for Moderator



Moderator view



FUTUREINSIGHT

# Extendable Telephony Service

- Sametime 7.0 and N/D 7.0.1 – Audio integration with Web conferencing and click-to-call integration into the Connect Client and Lotus Notes
  - Avaya
  - *Other partner announcements at Lotusphere*
- Sametime 7.5 enables partners to expand on telephony integration
- Sametime 7.5 – Audio partners can opt to use the plug-in model for more extensive integration
  - Incoming call control
  - Soft-phone
  - *More capabilities*

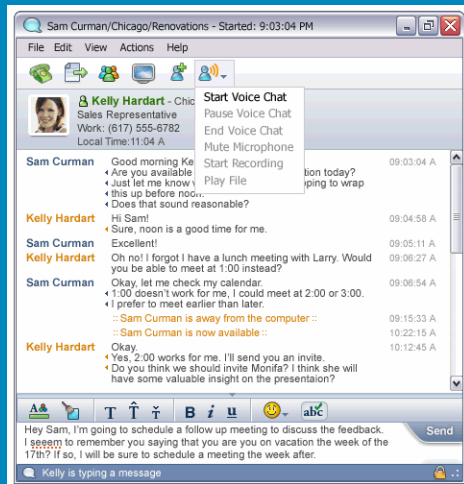
FUTUREINSIGHT



Lotus. software

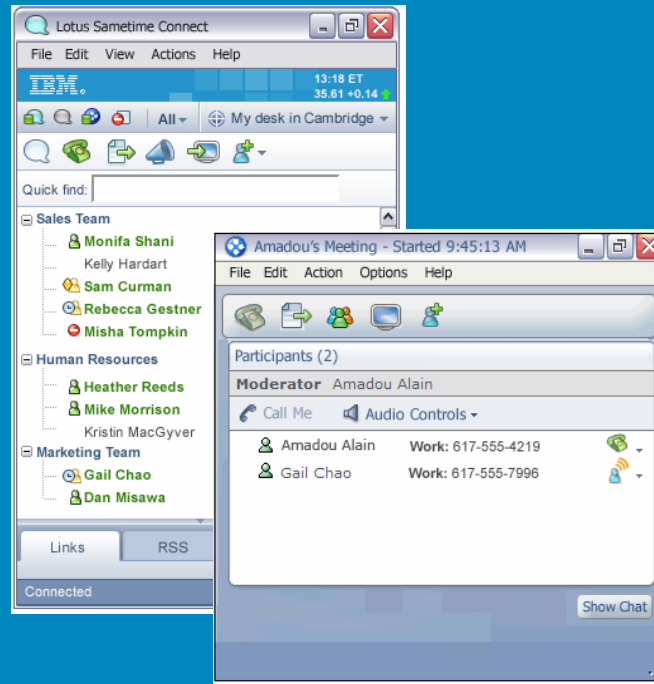
# Audio Integration

## Click-to-talk



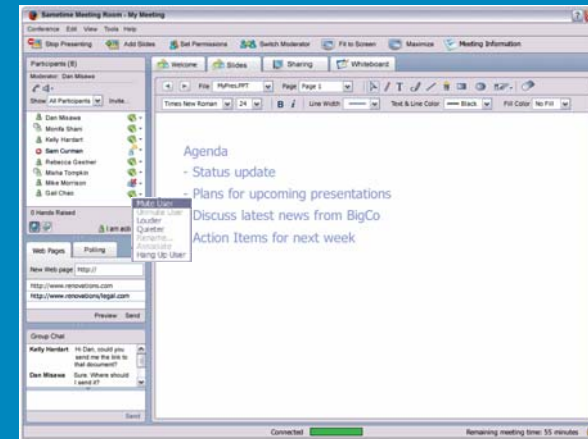
Users must be online and willing to talk through computer

## Click-to-call



Users can be offline, but need some kind of phone. Telephony adaptor must be present on server and connect to a telephony provider.

## Web Conf Integration





# Web Conferencing Connectivity

- Better user experience
- Better pop-up co-existence
- Improved connection resilience

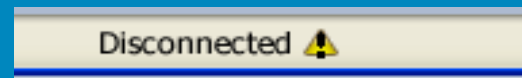
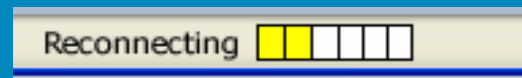
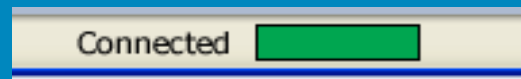
FUTUREINSIGHT



Lotus software

# Web Conferencing Connectivity Startup

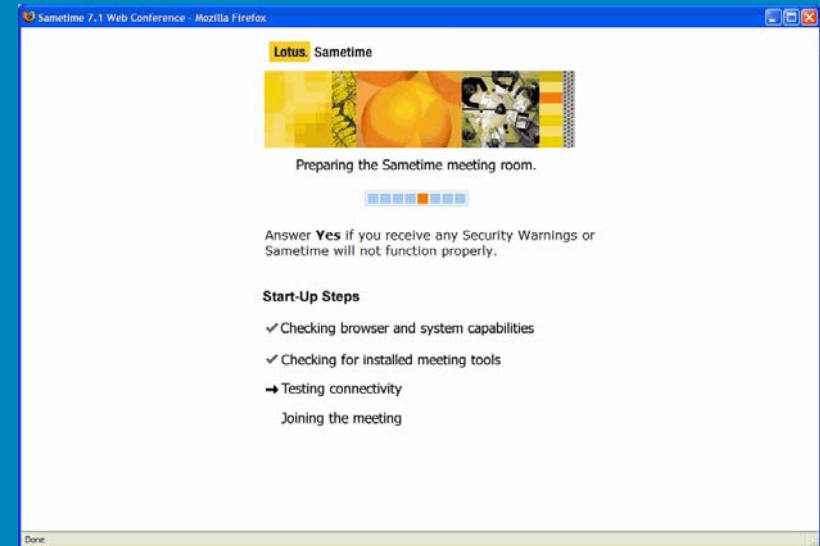
- Start up Meeting Room Client (MRC) and then establish connection
- If connection lost, MRC will stay running and reconnect in background, limiting meeting interruption
- Icons in the status bar will indicate the connection status



- If a problem occurs, a message will pop up, telling the user what to do

# Web Conferencing Connectivity – Popup’s

- Eliminate as many automatic popup’s as possible
- Where non-user initiated popup’s are needed monitor and give user feedback that the popup can’t be launched
- Rework startup sequence to avoid popup’s



FUTUREINSIGHT

# Web Conferencing Connectivity Method

- Direct TCP connection tried as first option
- If fails, fallback to new http Hybrid polling (replaced old “chatty” polling):
  - More resilient fall back connectivity
  - Stateless, doesn't require persistent connection (more fault tolerant)
  - Not previously available because of limitations in 1.1 JVM
  - Combined with persistent MRC, will result in faster reconnection

# Meeting Room Client Requirements

- Sametime 7.5 Web conferencing is not expected to change PC hardware requirements
- Sametime 7.5 will require Sun Java 1.4 or later.  
(Sametime 6.5.1 used Microsoft 1.1 JVM, which Microsoft no longer supports.)

FUTUREINSIGHT

All images and features subject to change



Lotus. software

# Demo



FUTUREINSIGHT

# Agenda

- Sametime 7.5 Web Conferencing Enhancements
- ▪ Sametime 7.5 Instant Messaging Enhancements
- Sametime 7.5 Real-Time Collaboration Gateway

FUTUREINSIGHT



Lotus software

# Instant Messaging Themes

- **Next-Generation client**
  - Update IM user interface and user experience
  - Deliver extensible plug-in model
- **Further enhance enterprise server**
  - Improve monitoring and management capabilities
  - Support granular permissions

FUTUREINSIGHT

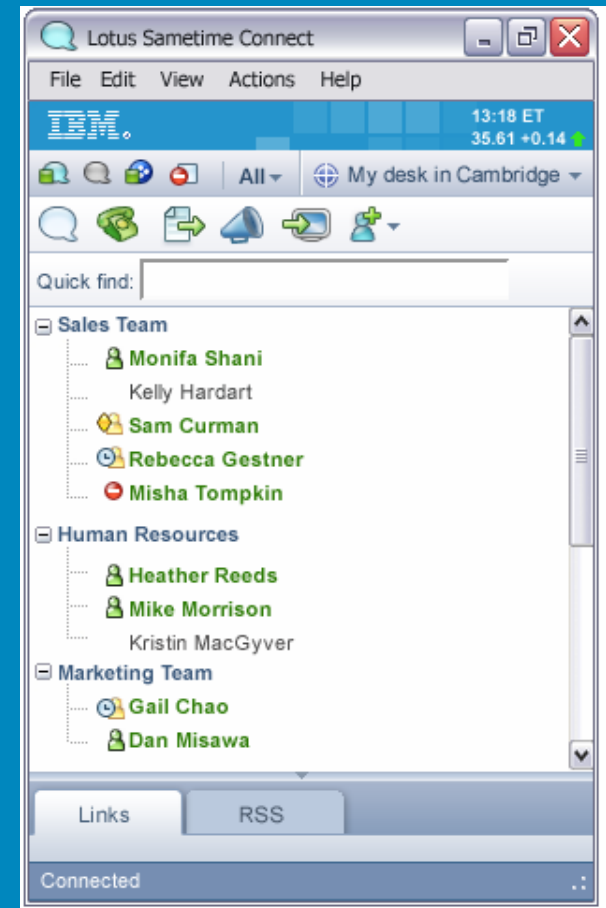


Lotus. software



# Connect Client

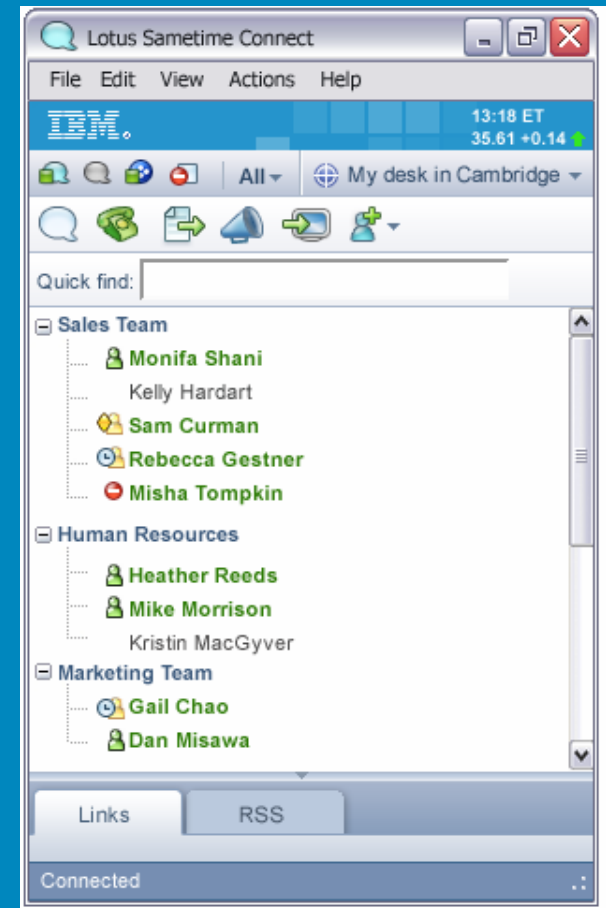
- Redesigned Connect Client
- Unified IM client
  - IM client for both Sametime and Workplace Collaboration Services
  - Unifies Sametime Connect Client and Java Connect Client
- Built on Eclipse framework
- Extensible via plug-ins



FUTUREINSIGHT

# Connect Client Main Window

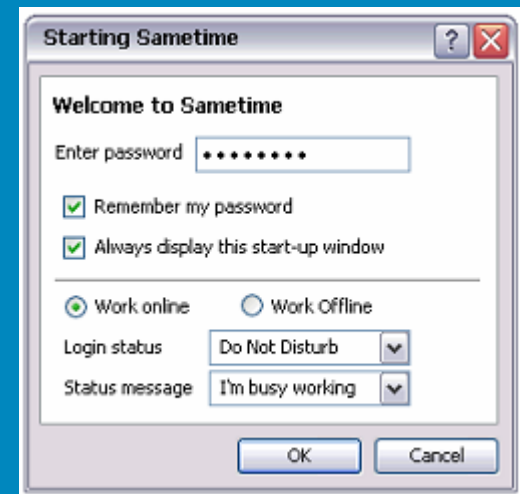
- New look & feel
- Customizable branding
- Multi-community support
- Selective “do not disturb”
- Automatic status change when enter web conference
- Location awareness
- Quick find
- Business card
- Mini-apps
- Extendable client



FUTUREINSIGHT

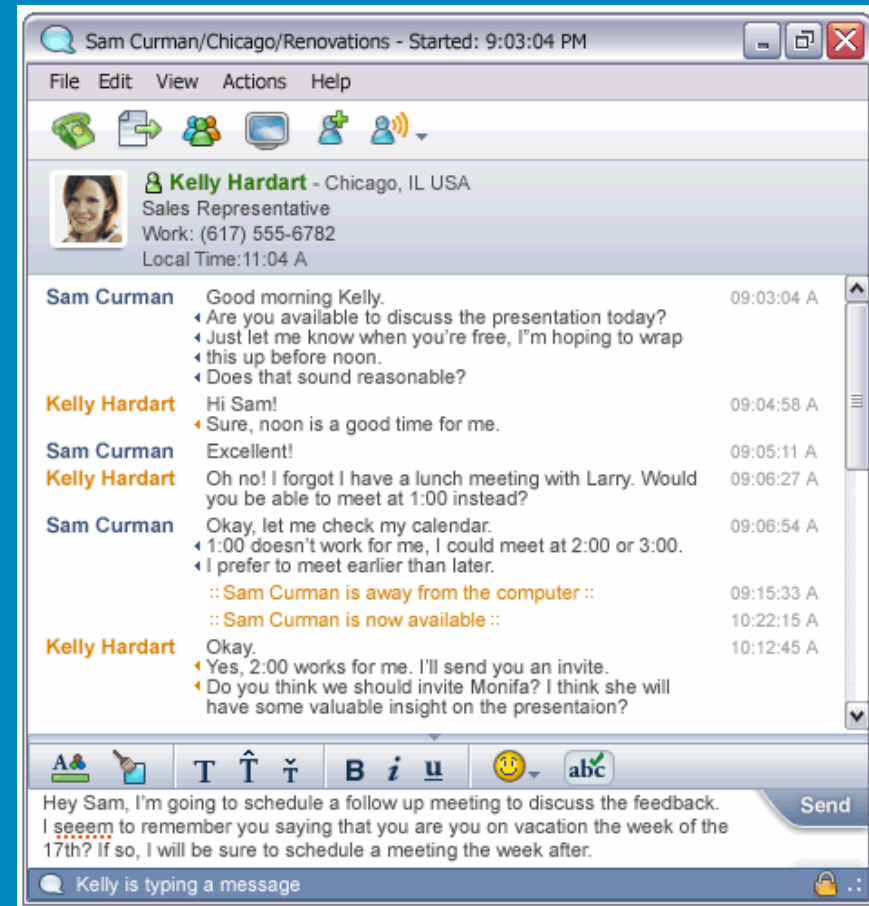
# Connect Client Improved Logon

- Recognize network status before logging on
- Automatically try to log back in to Sametime if lose and then regain connection
- Set awareness state and message at login
- Option for desktop SSO
- Option to save only user ID rather than both user ID and password



# Connect Client Chat Window

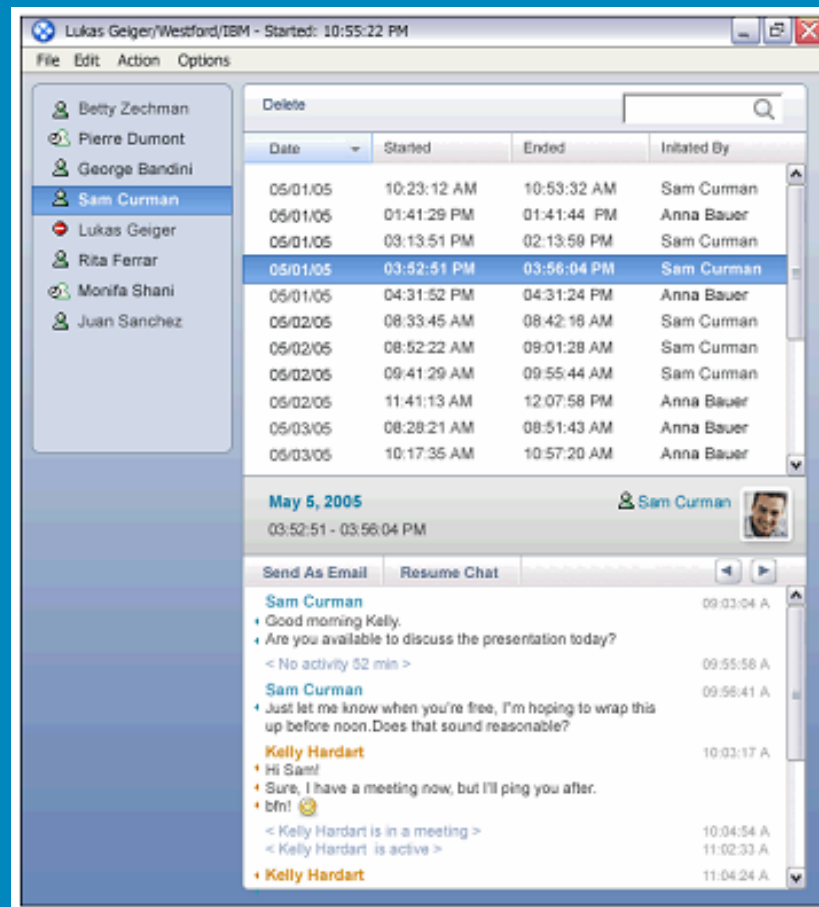
- Partner's business card, location, phone & local time
- Time Stamps
- Rich fonts & Emoticons
- Spell checking on the fly
- Notes Links
- N-way chat late joiner history
- Print & print preview
- File Transfer with virus scanning
- Instant Image
- Click to talk



FUTUREINSIGHT

# Connect Client Chat History

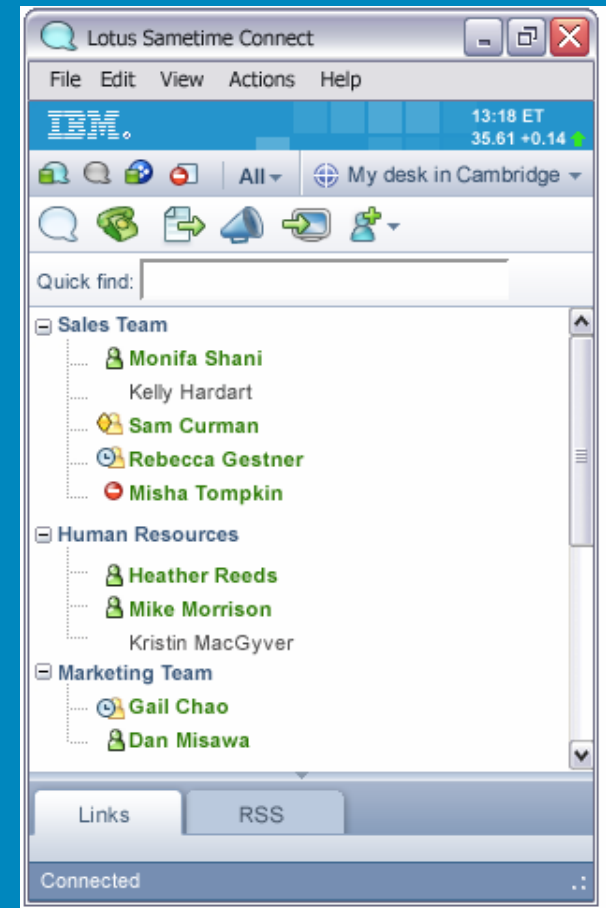
- Robust chat history capabilities
- User has option to automatically save, manually save, or not save
- Chat history saved locally
- Chat messages can be retrieved from a new “inbox” UI
- Administrators can turn off saved chat via policies



FUTUREINSIGHT

# Connect Client Extensibility

- Launch your own application or tool from the client
- Embed mini-application in client
- Extend live names
- Add actions to the toolbars and menus
- Brand the client
- Replace the telephony integration
- Add new real-time functionality



FUTUREINSIGHT

# Server Administration Enhancements

- Policy control on community server to enforce various rules and roles for individuals and groups
- New “Name Change” application when user names/e-mail addresses change
- New monitoring API that will allow for easier export of statistics to third party solutions

FUTUREINSIGHT



Lotus. software

# Demo



FUTUREINSIGHT

IBM®

Lotus. software



# Agenda

- **Sametime 7.5 Web Conferencing Enhancements**
- **Sametime 7.5 Instant Messaging Enhancements**
- ▪ **Sametime 7.5 Real-Time Collaboration Gateway**

# New Multi-Protocol Gateway

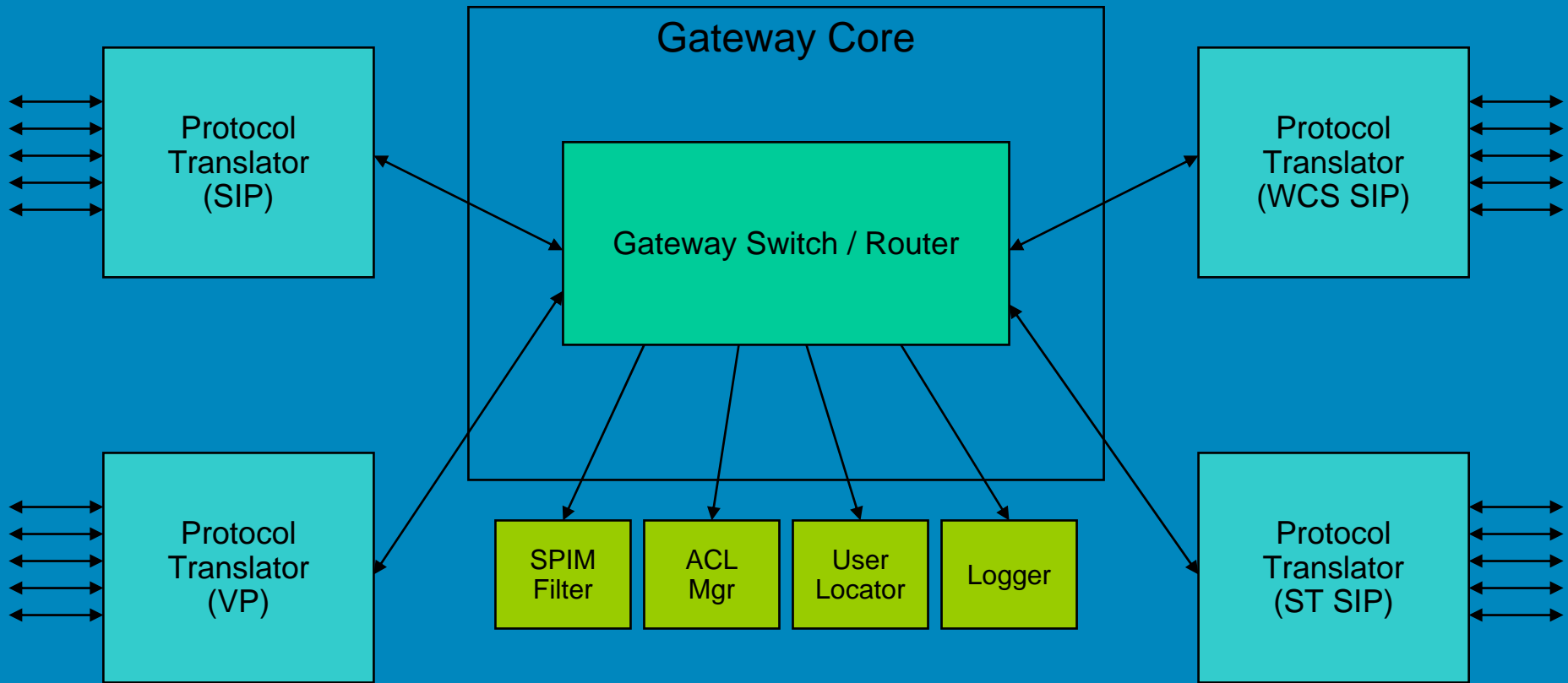
- Extensible platform, built on WebSphere, that allows real-time collaboration (RTC) communities (such as Sametime, Workplace, SIP, and public IM services) to share presence and interact with each other
- Management functionalities including policy enforcement and logging
- A plug-in technology allows IBM and third-party developers to enrich and customize the functionality

FUTUREINSIGHT



Lotus. software

# Gateway Architecture



FUTUREINSIGHT

# Gateway for Inter-Domain Interoperability

- Released with ST 7.5 or shortly after
- Supported protocol translators:
  - Sametime (VP protocol)
  - WCS (SIP based)
  - Sametime SIP (SIP Gateway)
  - 100% IETF compliant SIP
- Main Features:
  - Presence and IM
  - Allow/disallow domains
  - Scalability
  - Failover
  - Interoperability with, and migration from, existing SIP Gateway

FUTUREINSIGHT



# Related Lotusphere 2005 Sessions

- IDI121- Real-time Collaboration Technical Roadmap
- INV303 Clash of the Titans: Convergence of Data, Voice, Video in Collaboration Tools



Thank You for your time and interest in  
**Sametime 7.5**  
To see demo come to the lab

*For more information...*

Please come visit us in the  
**"Meet the Developers Lab"** in **Asia 2**

FUTUREINSIGHT

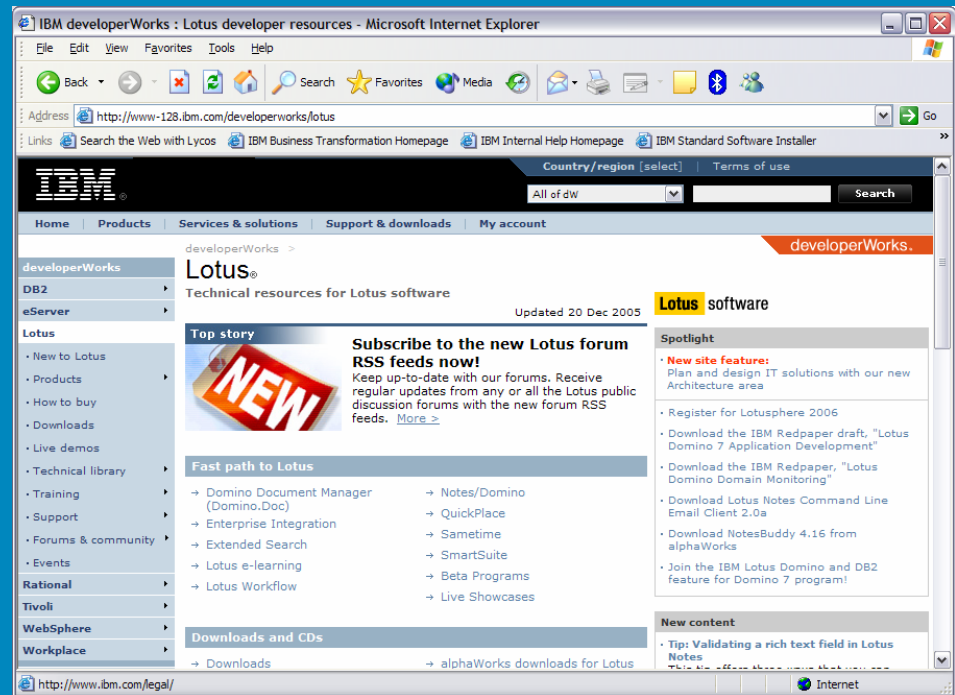


Lotus. software

# The Complete Technical Resource For Lotus Software

- News
- Product info pages
- Technical articles
- Discussion forums
- Product demos
- Beta programs
- Software downloads
- Documentation library
- Customer councils
- Event calendar
- Special offers
- Sandbox
- and much more ...

<http://www.lotus.com/idd>



FUTUREINSIGHT



Lotus. software