End-User Access to Cloud Computing

- Why the cloud model is being so widely adopted?
- Applications / successful SaaS offerings that are proving beneficial to end users:
    1. YouTube
    2. Zimbra
    3. Facebook
    4. Zoho
    5. DimDim.

Reasons for widely adoption of cloud model

- Consumer-driven innovation
- The rise of power collaborators
- Changing economics
- Lowering of barriers to entry

YouTube

- YouTube is the leader in online video, and a premier destination to watch and share original videos worldwide across the Internet through web sites, mobile devices, blogs, and email.

- Founded in February 2005

- YouTube was purchased by Google in November 2006

- YouTube has become so popular and it provides a set of development application programming interfaces (APIs) to enable developers to integrate YouTube functionality into their web sites.

YouTube API Overview

Widgets

- Widgets are simple page elements that developers can embed in a web site to give it YouTube functionality.

- Widgets are JavaScript components that developers can place in a web page to enhance it with YouTube-based content.

- Two widgets that are currently available:
  1. Video Bar
  2. Video Search Control.

YouTube Player APIs

- The Player APIs lets user to control the YouTube player using JavaScript or ActionScript.

- The Player APIs allow developer to establish how users can control You-Tube video playback on their web site.

- There are two types of players:
  1. The normal "embedded" player
  2. Chromeless player

The YouTube Custom Player

- The YouTube custom player allows you to customize a YouTube player and populate it with videos you specify.

- Developers can easily configure the custom player to show playlists, favorites, or custom, locally available videos.

- Once the custom player is on your site, you can easily update the appearance or content by logging into your YouTube account and clicking on Custom Video Players.

YouTube Data API

- The Data API is primarily for developers who are used to programming in server-side languages.

- The Data API gives you programmatic access to the video and user information stored on YouTube.

- Read the Protocol Guide to know how the Data API works at the basic level using XML and HTTP

- http://code.google.com/apis/youtube/2.0/reference.html

Zimbra

- Zimbra, Inc., a company specialized in web-based email and collaboration software for Linux, Mac OS X, and virtualization platforms.

- On September 17, 2007, Yahoo acquired Zimbra, Inc

- Zimbra Desktop is a free, open source email and calendar client which runs on any Windows, Apple, or Linux desktop computer.

- Zimbra Desktop uses Web 2.0 AJAX technology and is designed to handle several email accounts with multi giga byte storage

Yahoo! Zimbra Desktop
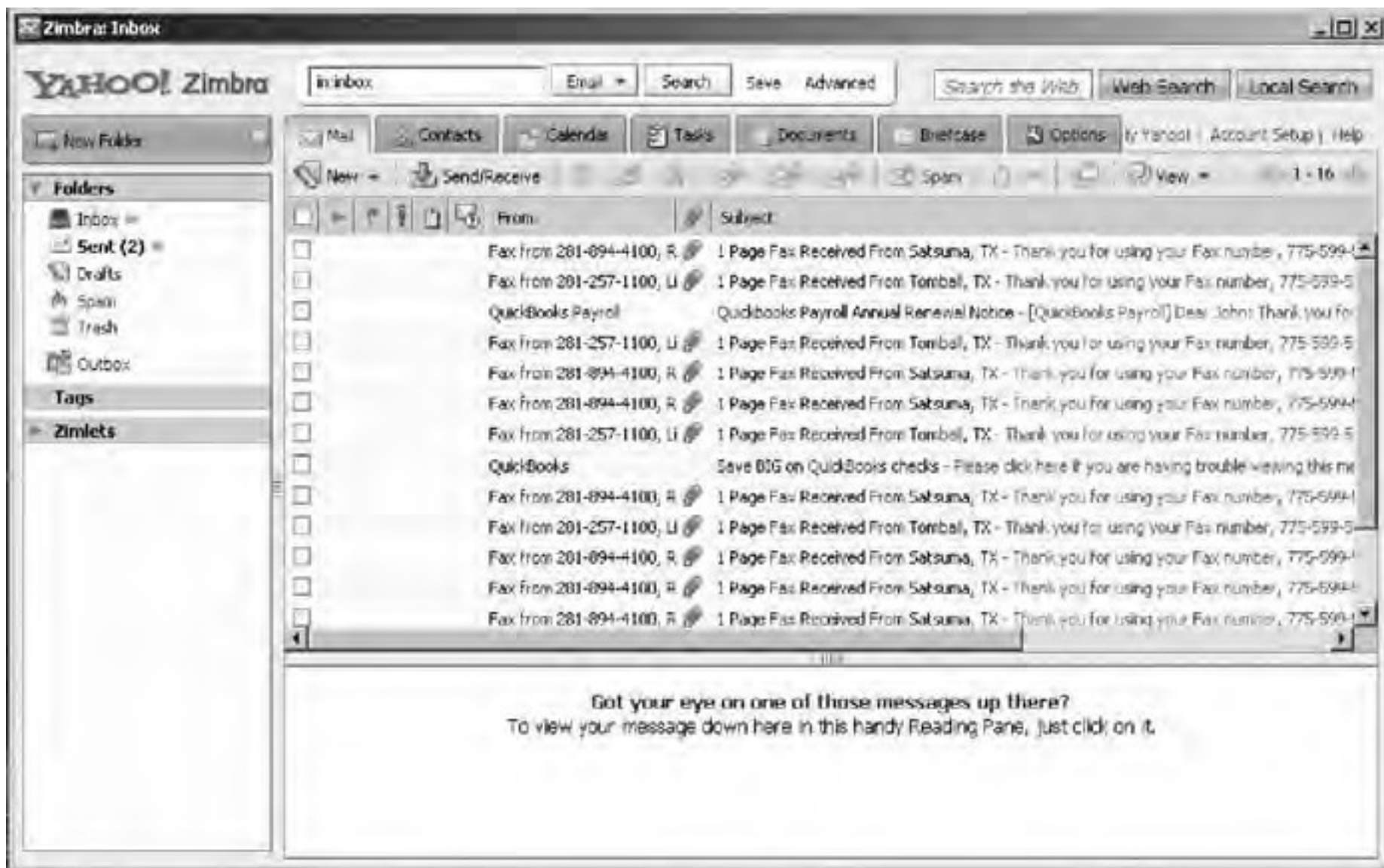
Zimbra Collaboration Suite (ZCS)

- ZCS version 5.0 is a modern, innovative messaging and collaboration application.

- Ajax-based web collaboration is core to ZCS 5.0.

- The web client integrates email, contacts, shared calendar, VoIP, and online document authoring into a browser-based interface.

- ZCS 5.0 includes an Ajax-based administration interface and scripting tools to use with the ZCS server

Facebook

- Facebook is a free-access social networking web site that is operated and privately owned by Facebook, Inc.

- Getting onto Facebook is easy. First you create a sign-on identity and provide your email address.

- A simple three-step process is all it takes to establish an account.

- Once you have completed the account creation process, you are taken to your home page, where you can customize it to suit your interests.

Finding friends on Facebook.

Find Friends Already on Facebook

Step 1 of 3

Welcome John Rittinghouse! Your account has been created.

Facebook helps you connect with friends, family, and coworkers. Follow the steps below to find people you already know on Facebook.

Find friends using your email account

Searching your email account is the fastest and most effective way to find your friends on Facebook.

Your Email: yourname@youremail.com   ✓ Valid webmail address

Password:

Find Friends

We won't store your password or contact anyone without your permission.

Find people you Instant Message

Skip this step ▶

The Facebook default home page.
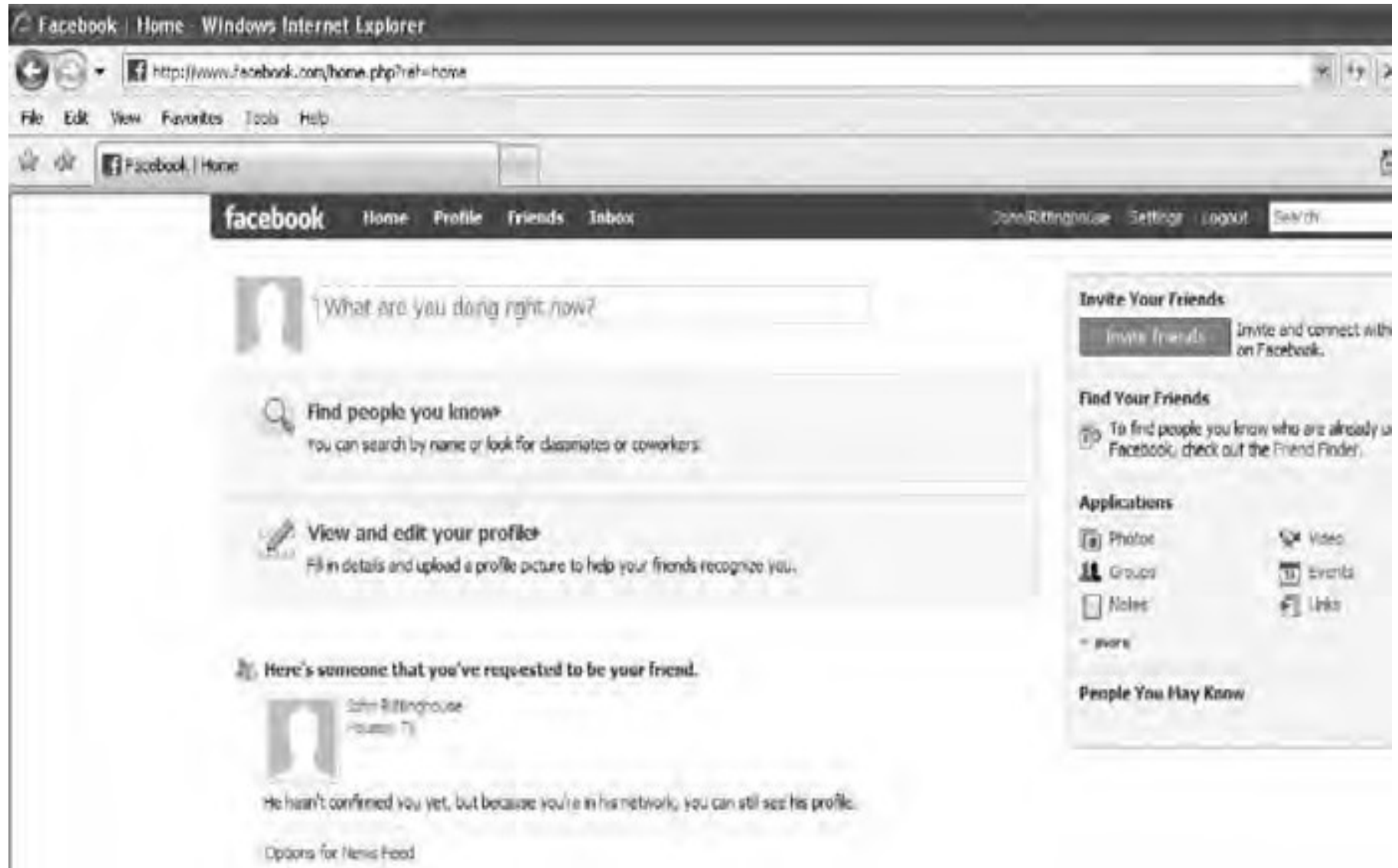
Facebook

- The Facebook web site currently has more than 175 million active users worldwide.

- People can also add friends and send them messages, and update their personal profiles to notify friends about themselves.

- Facebook serves up over 50 billion page views a month while employing fewer than 200 engineers.

- Facebook is the fourth most-trafficked web site in the United States, and Facebook users upload more than 14 million new photos every day.

Facebook Development

- Facebook provides anyone the ability to create Facebook applications.

- To create a Facebook application, one should be well versed in PHP or some other coding language such as Ruby on Rails, JavaScript, or Python.

- basic understanding of the Internet, SSH, MySQL, and Unix is also required.

Zoho

- Zoho is an office productivity suite from AdventNet, Inc., which was founded in 1996.
- Zoho has launched 15 different applications
- From the home page one can create an account or sign in.
- Zoho Mail provides ample storage space.
- Zoho Mail offers advanced, self-learning algorithms that keep unwanted spam out of your inbox and deliver only legitimate emails.
- Zoho Mail can be read from an iPhone, and support for other mobile phones is expected

The Zoho home page

Zoho Mail home page.

ZOHO Mail

E-mail for businesses and professional users

No Ads
Zoho Mail values your privacy and experience using our service. We do not display ads – not even in the free version.

Ample Storage
Zoho Mail provides you Ample storage space. Store and search through every email you ever received or sent.

Offline Support
Read and compose e-mail even without an internet connection.

Folders & Labels
Zoho Mail supports both traditional folders as well as labels. It's the best of both worlds.

Spam Protection
Zoho Mail has advanced, self-learning algorithms that keep unwanted SPAM out of your inbox and deliver you only the real e-mail.

Personalized Email Address
Get personalized e-mail address (i.e youname@yourcompany.com) – or create one with the @zoho.com domain.

Mobile Version
Access Zoho Mail right from your iPhone. Support for other mobile phones coming soon.

Integrated Instant Messaging
Send instant messages right from within Zoho Mail - you don't even need to download a separate client.

Don't have a Zoho Mail account?

Sign up for FREE

Sign In

Username: ritng

Password: ••••••••

☑ Keep me signed in
☐ Use Secure Access

Sign In

Forgot Password ?

Sign in using G Google or Y Yahoo

Other Zoho Products : Zoho Sheet Zoho Show Zoho Writer Zoho Creator Zoho Planner and more

Zoho Home - Forums - Blogs - About Us - Terms of Use - Privacy Policy

The inbox for Zoho mail

Zoho CloudSQL

- CloudSQL is a technology that allows developers to interact with business data stored across Zoho Services using the familiar SQL language.
- CloudSQL allows businesses to connect and integrate the data and applications they have in Zoho with the data and applications they have in-house, or even with other SaaS services.
- CloudSQL is offered as an extension to the existing Zoho web API.
- Cloud-SQL supports multiple database dialects.

DimDim Collaboration

- Dimdim invested more than 15 person-years of engineering development into making a product to support complex web meetings.

- Dimdim is available as open source software

- Dimdim Open Source Community Edition v4.5, code named "Liberty," is meant for developers and highly technical enthusiasts.

- Dimdim Enterprise is based on commercial streaming and media components (Adobe Flash Server) and runs on top of their SynchroLive Communication Platform.

The Dimdim sign-in page

Sign in and start your meeting...simple!
If you need an account, create one here.

Sign in to your account

Dimdim ID :

rittingj

Password :

••••••••

☑ Remember me on this computer

Sign In   Forgot your password?

Create a new account

Dimdim is a browser-based web 2.0 service that allows anybody to :

🖨 Share their desktop

🖼 Show slides

📹 Talk, Listen, Chat and Broadcast via Webcam

💬 Much more !

Dimdim's hosted service is available for free and can be easily used for small gatherings, to seminars with hundreds of attendees.

Learn the benefits of getting Dimdim Pro

Create Account

DimDim Collaboration

- Dimdim has a simple user interface that is easy for presenters and attendees to learn.

- Meeting hosts and attendees do not have to install anything to broadcast audio or video, because all that is needed is a very tiny plug-in.

- Once you sign into Dimdim, you will see the home screen.

- To start a meeting with Dimdim, simply click the Host Meeting button.

- Provide a name for the meeting and an agenda and then enter the email addresses of the attendees.

The Dimdim home screen

Dimdim Host Meeting screen

DimDim Collaboration

- In the example shown in Dimdim Host Meeting Screen, the meeting will begin immediately.

- If you want to schedule a meeting for a future time, click Schedule on the Timing option.

- In the Schedule Meeting screen, enter the start and end dates and the start time. The time zone you select should represent the time zone where the meeting will be hosted.

Dimdim Schedule Meeting screen

Schedule Meeting

| General | Features | Dial-in |

Room Name: rittingj

Meeting Name: Cloud Computing Review

Timing: ○ Start Now ● Schedule

Optional

Agenda: Discuss book details regarding mobile virtualization.

Invitees: jransome24@comcast.net

Send invites using: ● Dimdim ○ Local

Host Key: cloud1

Meeting Key: cloud1

Room URL: http://webmeeting.dimdim.com:80/portal/JoinForm.action?confKey=rittingj

Click on the URL to copy it to Clipboard.

Repeat Option: Once Only

Start Date: March 02, 2009

End Date: March 02, 2009

Start Time: 5 : 00 PM

Timezone: GMT-05:00 Eastern Time

Schedule
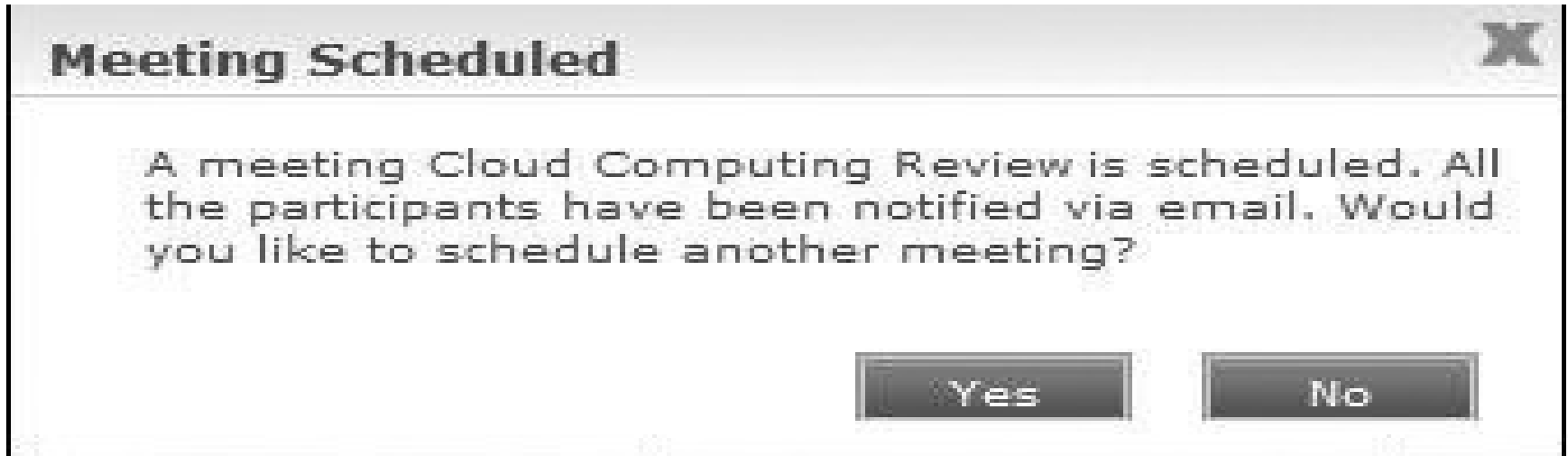
Meeting Scheduled dialog box

- Click the Schedule button to bring up the dialog box shown in following Figure.

Meeting Scheduled ✖

A meeting Cloud Computing Review is scheduled. All the participants have been notified via email. Would you like to schedule another meeting?

[Yes]   [No]

- You and your attendees will all receive an email.
- A single click starts your meetings.

An email confirming the meeting invitation

Dear rittingj,

Congratulations! You have successfully scheduled a Dimdim Web Meeting for **March 02, 2009 04:30:PM CST**. To start the web meeting simply click here*

We've already sent email invitations to your invitees. Once you start your meeting, they can join by clicking on the link in their email or they can enter your meeting ID **rittingj** at Dimdim.com.

Details about the meeting:

Meeting Name: Cloud Computing Review	**Meeting Room ID:** rittingj
Meeting Agenda: Discuss book details regarding mobile virtualization	**Your Role:** Presenter
Recurrence: This meeting happens only once	**Schedule Ends At:** Not Applicable
International Dial In: Not Applicable	
Moderator Pass Code: Not Applicable	**Attendee Pass Code:** Not Applicable
Host Key: cloud1	

Click here to add this event to your Outlook calendar.

Hint: You can click on the MyDimdim tab to start, add, edit or search your meetings at Dimdim.com.
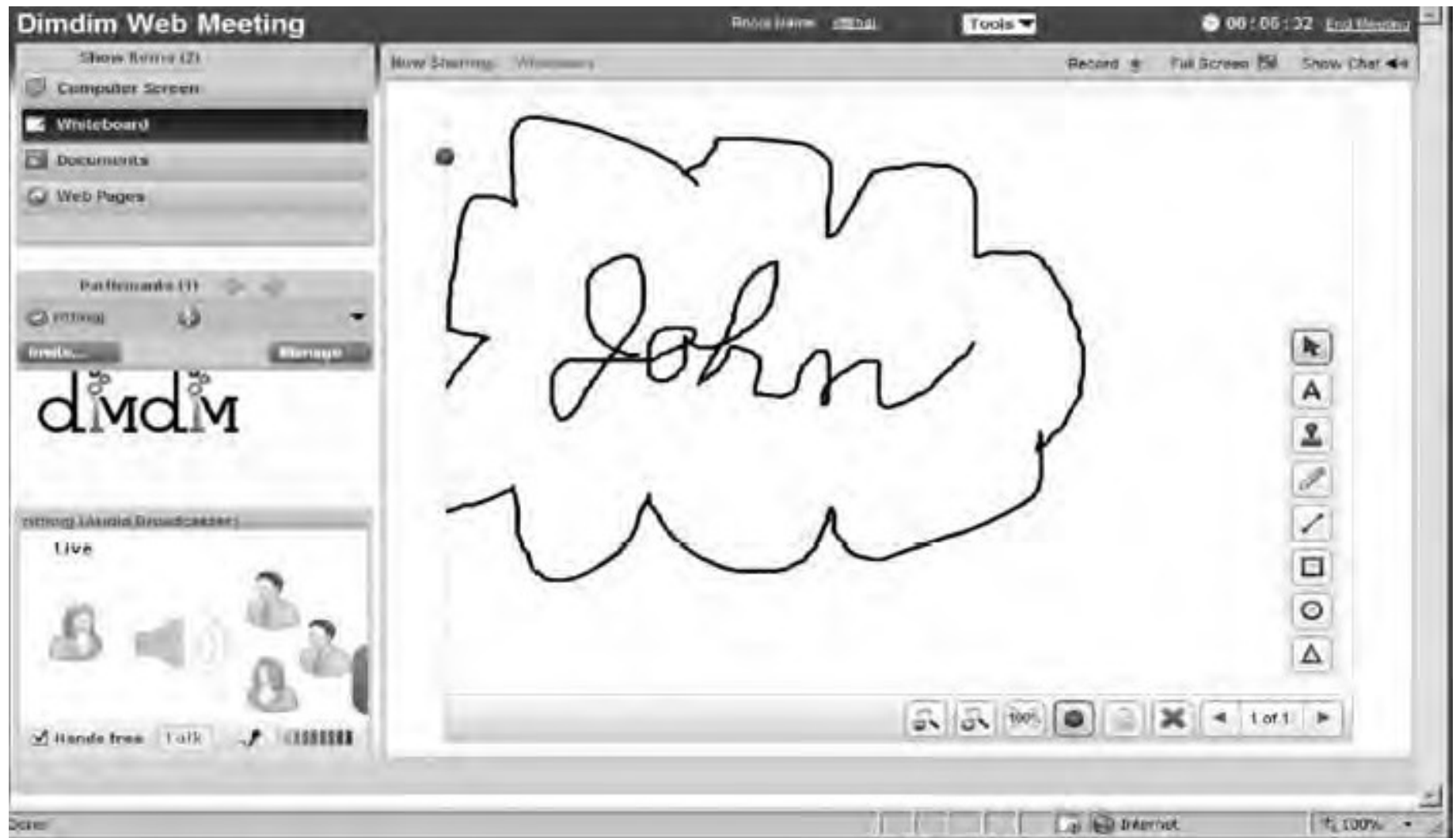
Sincerely,

Your Dimdim Team

*If the link above is broken (as can happen with some email systems) simply copy and paste the following URL into your browser address bar: http://webmeeting.dimdim.com:80/portal/GetStartConferenceForm.action?

Dimdim Web Meeting opening screen

Using the Whiteboard in a Dimdim meeting

DimDim Collaboration

- Dimdim has a fully integrated web browser, which allows you to take your audience to various web sites and show them specific features live on the Internet.

- Dimdim is a powerful tool for collaboration in the cloud.

- Dimdim uses an issue tracker and keeps it updated so you can check the status of an issue or view issues for all users.

Showing your audience a web site