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Lotus Sametime & QuickPlace: Developing Real-time Collaboration

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Mission Statement

Sametime

- Real-time Collaboration that's fit for e-business

QuickPlace

- Zero to Collaboration in 30 seconds!

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Real-time Collaboration

Awareness

Find others online and create personalized lists of team members & colleagues

Conversation

Send an instant message, start a chat or launch an instant online meeting

Shared Objects

communicate ideas more clearly by application-sharing or white-boarding

Complete Awareness

Static User List

Create a buddy list of on-line colleagues and customers for instant access all day long.

Who is Online?

Users Associated with a Document

Find on-line colleagues who are associated with an email or document

Users by Community

Find on-line colleagues or customers who are logged into the web site

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Instant Conversation

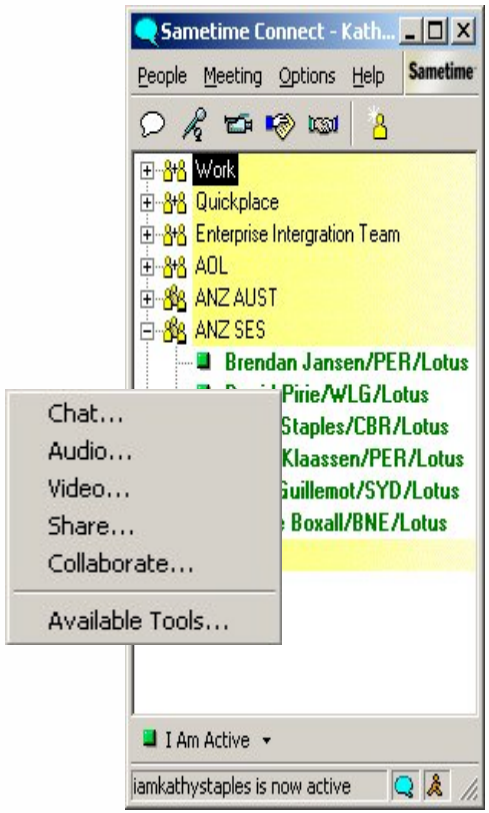
Share Objects

Share ideas and collaborate in a whiteboard or application session.....

Ad-hoc or Scheduled Meetings

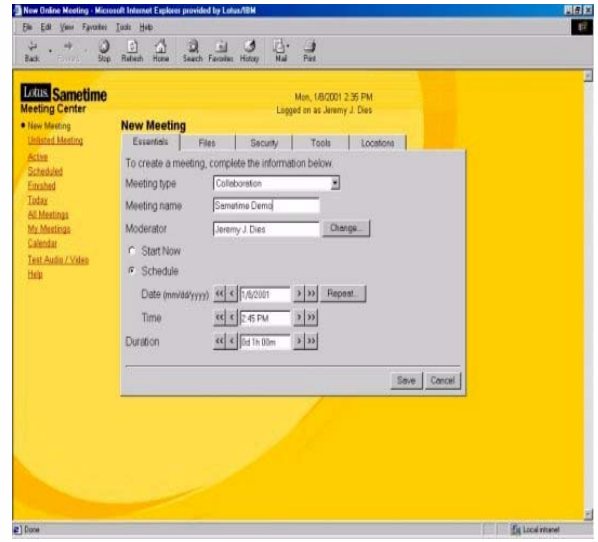
Create Ad-hoc meetings or schedule them for later...

Ad-hoc



Out-of-the-Box

or Scheduled



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Sametime Everyplace...

Extend awareness and instant messaging to a wide range of wireless devices.....

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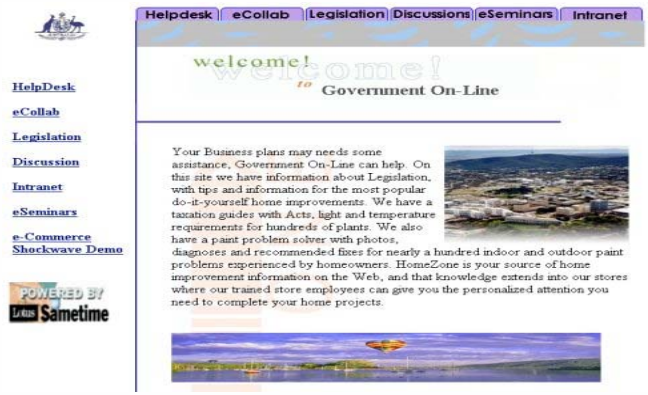
Client Toolkits Overview

- **Ubiquitous**
  - ►enable development of Sametime enabled applications on any client platform.
- **Extendable**
  - ►Enable 3rd party developers to add new Sametime components.
- For web, Visual, Java, and C++ developers



Sametime Client Toolkits

Create, modify, or extend applications through a choice of scripting and programming languages including JavaScript, HTML, Java, C++, and COM

Toolkit	Target Platform	Language	
Sametime Links	web	HTML / JavaScript	Add-on to 2.5 released 2.6
Java	any with JVM 1.1	Java	Collection of Java classes
C++	Windows	C++	Enhance Windows Applications
COM	Windows	VisualBasic, JavaScript, LotusScript...	Delivered as a standard DLL

Toolkit Components & Services

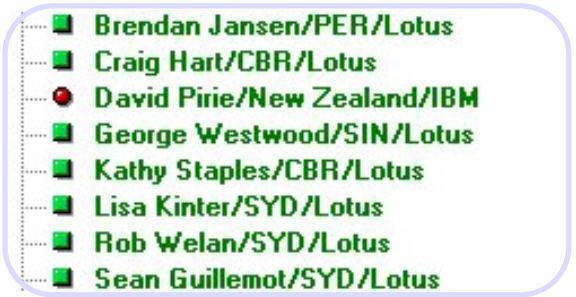
Real-time collaborative capabilities are provided via the Community, Meeting and Multimedia Services

Major Community Services	Meeting & Multimedia Services
• Login & Authentication	• Whiteboard
• Online Status	• IP Audio & Video
• Awareness	• Instant Meetings
• IM (Instant Messaging)	• Scheduled Meetings
• Places (Chat & Awareness)	• Broadcast Meetings
• Server-side Storage	
• Directory Access	

Sametime Links Toolkit (beta)

- Features:
  - Easy to use HTML / JavaScript API
  - Light weight (~20K applet), no install
  - Does not affect page layout
  - HTML-based and customizable UI
- Add awareness and messaging to:
  - web pages
  - applications
- Examples:
  - e-business
  - help desk
  - online directories

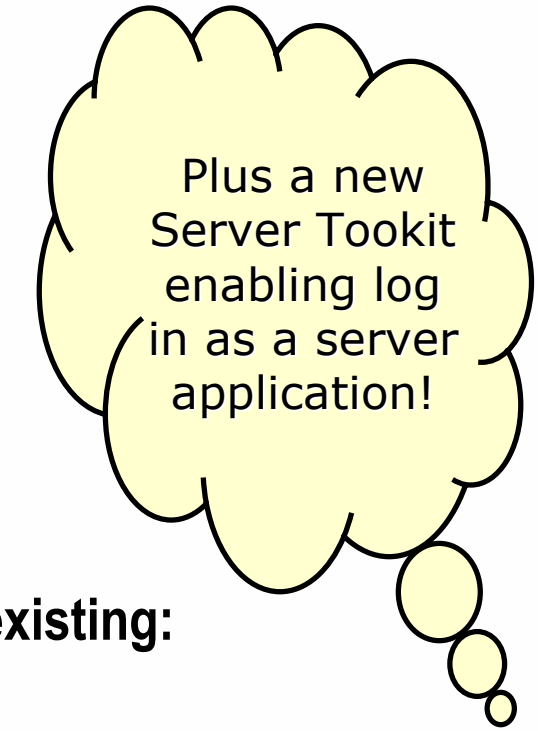
Add-on to 2.5, but will be shipped with next release



Allows Web developers to Sametime-enable their web pages and applications with "live names"

Sametime Java Toolkit

- Features:
  - ►Provides all core Sametime community & meeting services and UI components
  - ►Object oriented
  - ►Modular
  - ►Thread-safe
  - ►Supports JDK 1.1 or above
- Embed real-time collaboration technology into new or existing:
  - ►applets
  - ►applications
  - ►web sites
- Examples:
  - ►e-commerce app with awareness & meetings
  - ►online help desk



The java Tookit is one toolkit that exposes all of the functionality of Sametime...

Sametime C++ Toolkit

- Features:
  - ►Community services
  - ►Object oriented
  - ►Modular
  - ►Thread-safe
  - ►No dependency on Microsoft technologies (MFC, OLE)
  - ►Supports Microsoft Visual C++ Developer Studio
- Enhance Windows applications with real-time collaboration
- For any Win32 or MFC based Windows application
- Examples:
  - ►Sametime Connect
  - ►NotesBuddy

Collection of components that allow developers to enhance Windows applications....

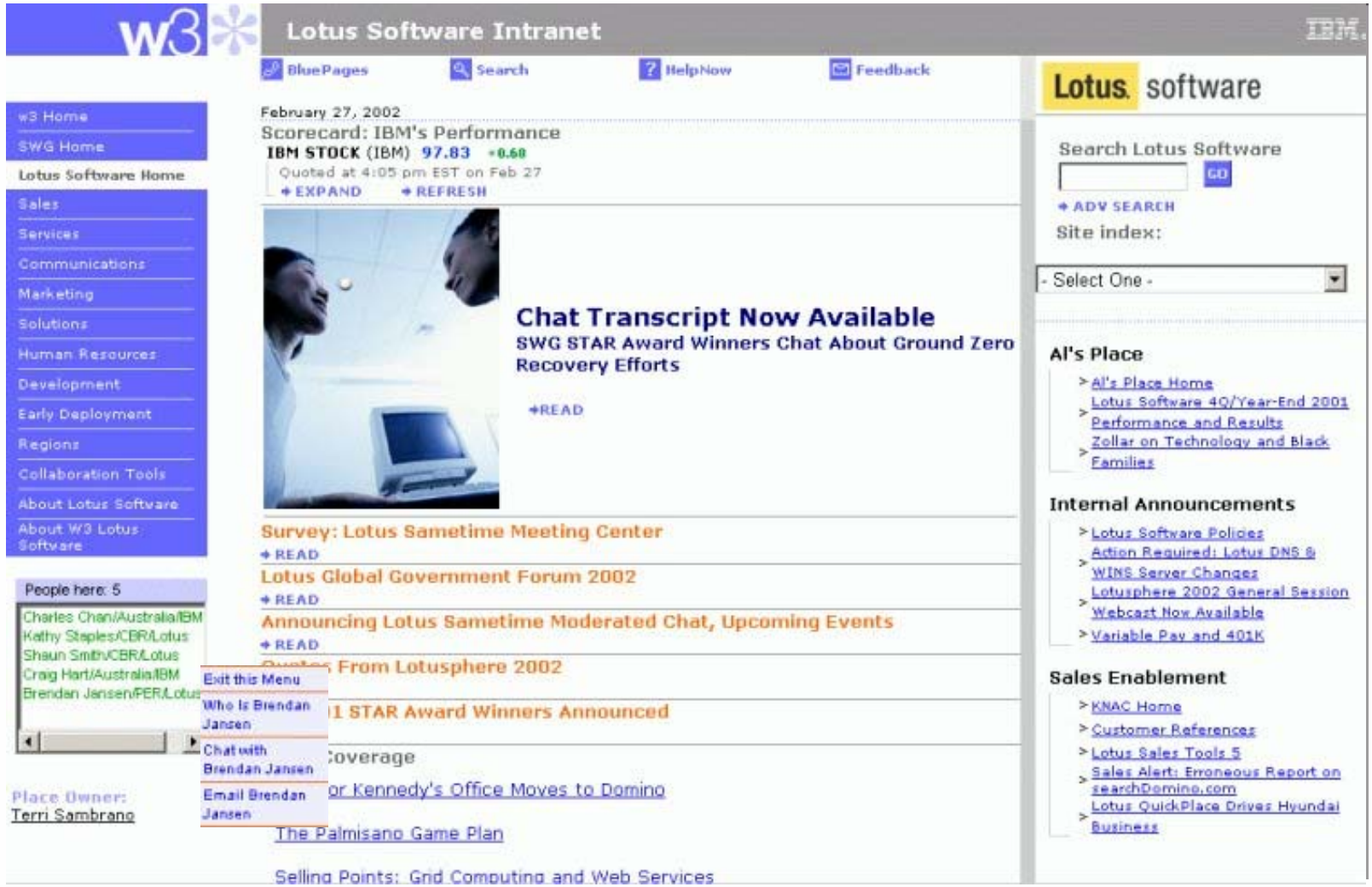
Sametime COM Toolkit

- Features:
  - Community services
  - Object oriented
  - Modular
  - Thread-safe
  - Supports Automation OLE and delivered in a DLL file.
- Enhance Windows applications with real-time collaboration
- Write your own user interface
- Examples:
  - Sametime Connect
  - NotesBuddy
  - Awareness

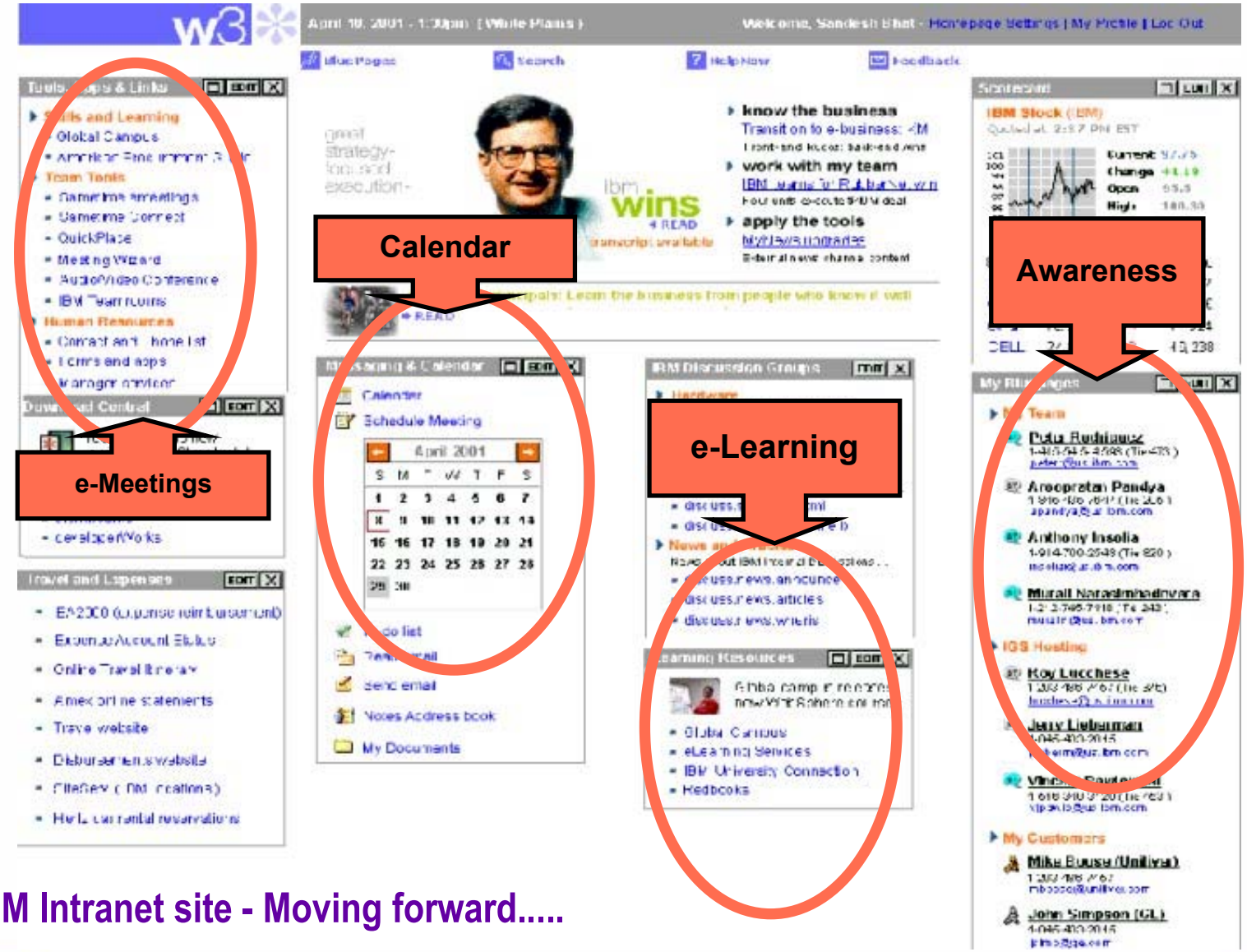
Used to enable applications with sametime in any development environment that supports COM, such as Visual Basic/VBA, Lotuscript and JavaScript....

Website Awareness

Lotus Intranet site - incorporting place based awareness



Contextual Collaboration



IBM Intranet site - Moving forward.....

Demonstration

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Instant Collaboration

Self-service Web tool

Create a team workspace on the Web in seconds. No training or technical assistance required

Task Management

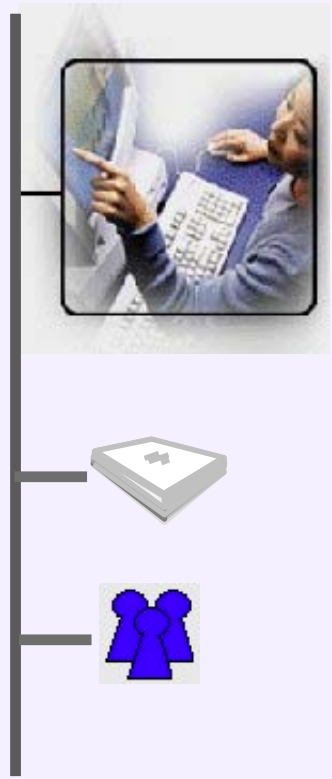
Assign action items and deadlines. Map your progress in a Gantt chart view summary

On-line Awareness

Brainstorm new ideas or review content with on-line members.

Self-service Web tool

QuickPlace enables the creation of a shared team workspace on the Web -- in seconds!



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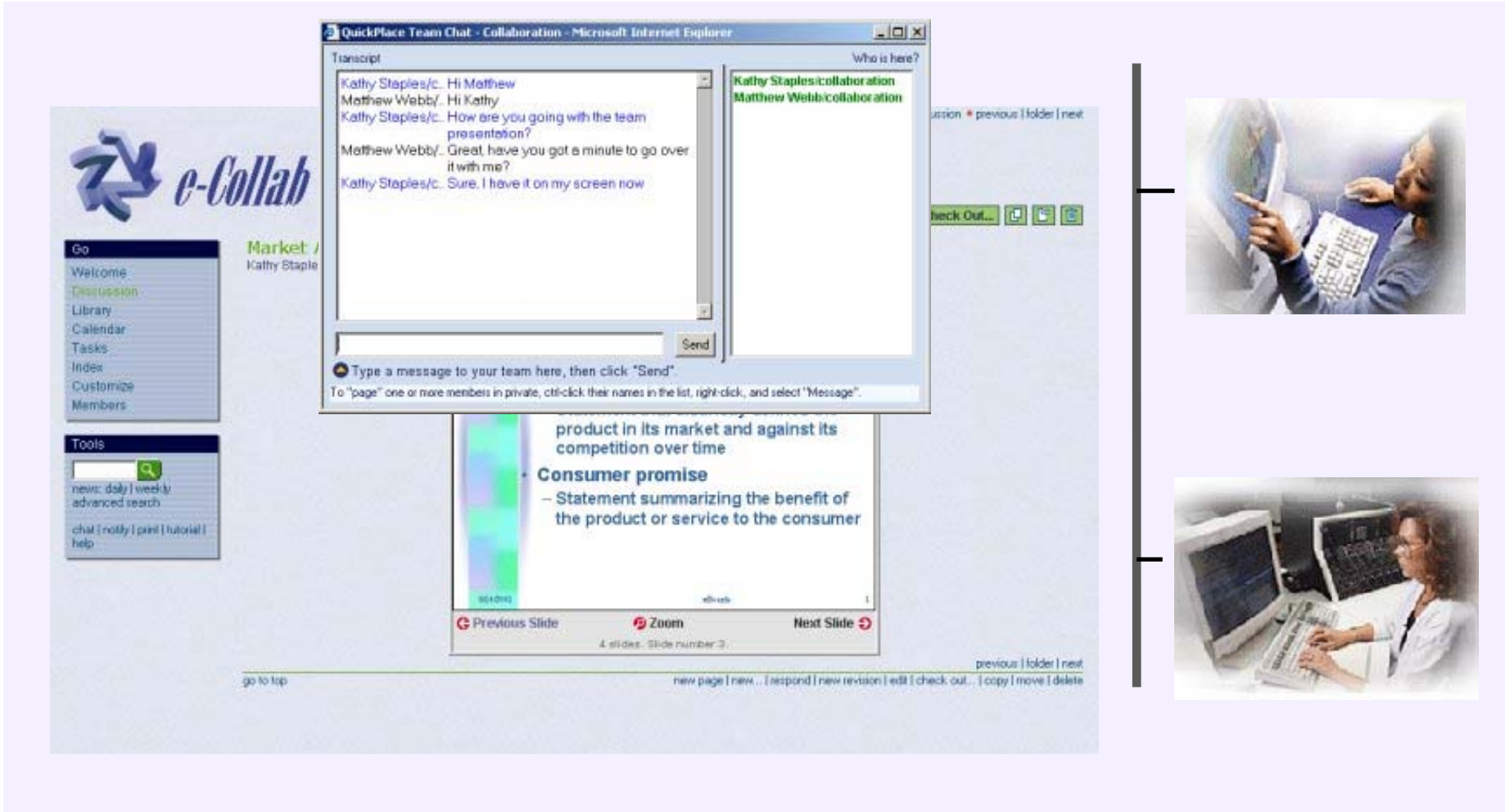
Task Management

Assign action items and deadlines. Automatic notification keeps everyone aware of to-dos and milestone status

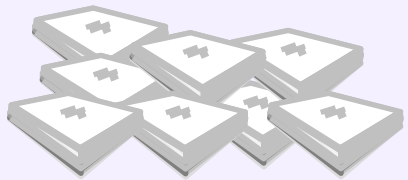
On-line Awareness

Brainstorm new ideas or review content with on-line members



Shared Network Drives

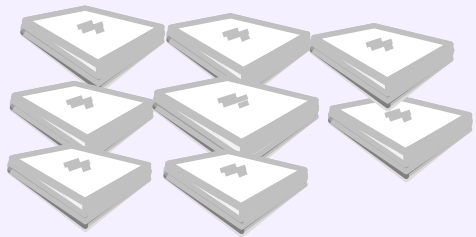
Shared network drives have served an important role for sharing documents, but.....



- **Who is responsible for this set of documents?**
- **Rarely a standard Hierarchy**
- **Duplication!**
- **Hard to find!**

QuickPlace Advantages

A collaborative environment such as QuickPlace provides all the benefits of a shared network drive plus a lot more...

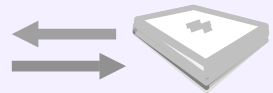


- ✓**On-line discussion with the group**
- ✓**All documents have owners**
- ✓**Allocation and tracking of tasks**
- ✓**Incorporate Workflow**
- ✓**Comprehensive searching**

Content Management

Your teams discussions and content are all maintained in a single location...

Check-in



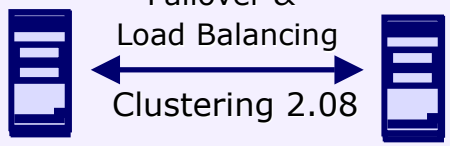
Check-out

Version Control

Multiple File Support

Teams come Together !

Allows external organizations to join the collaborative space with no additional software to be installed on their workstations...



External Organizations

Firewall

SSL - Encryption

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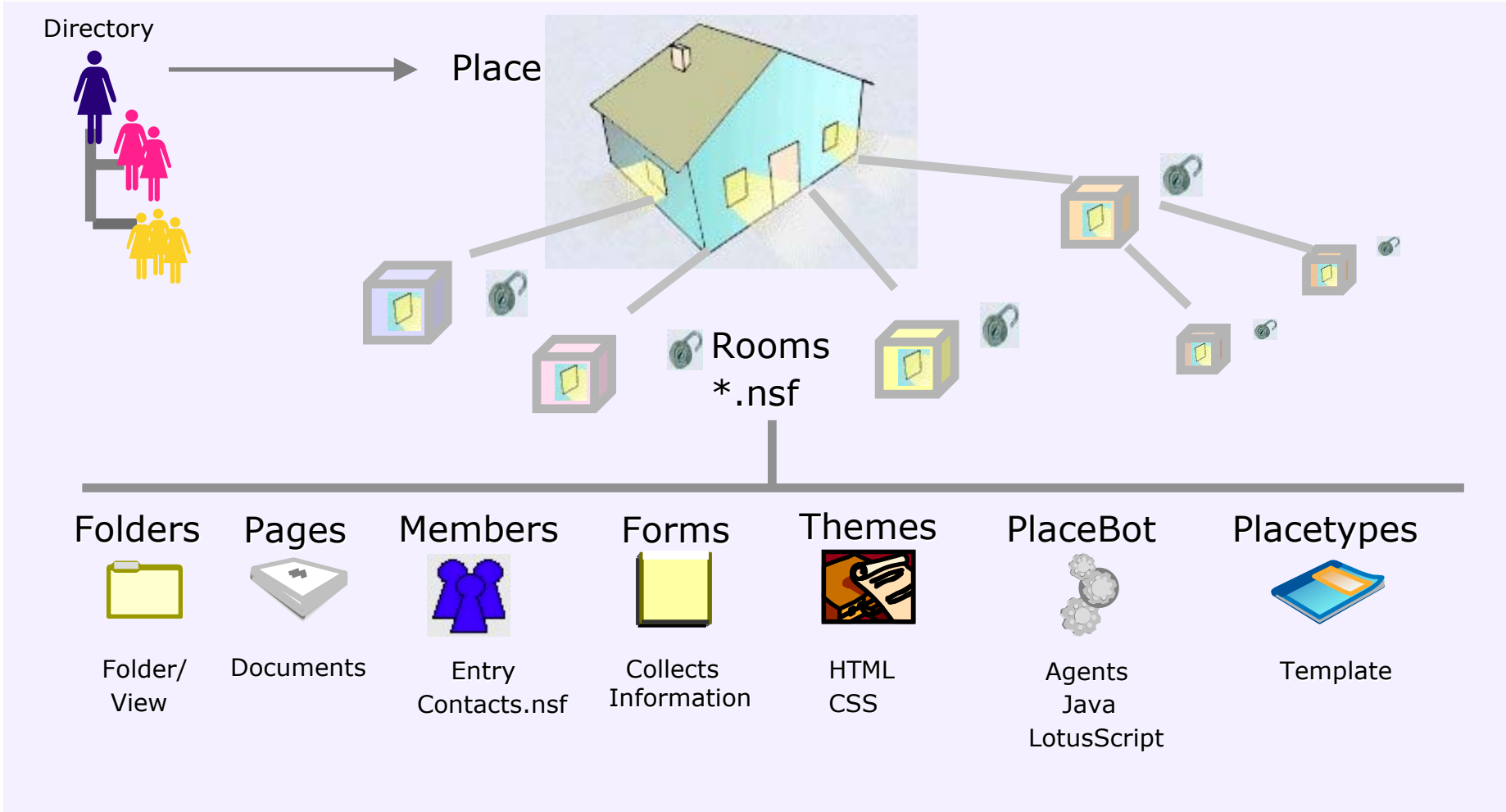
Capture peoples ideas!

Create a place for discussion groups, where people can come and share their ideas...

QuickPlace Architecture

You can use rooms to dramatically expand your QuickPlace, and to create private areas for smaller teams...



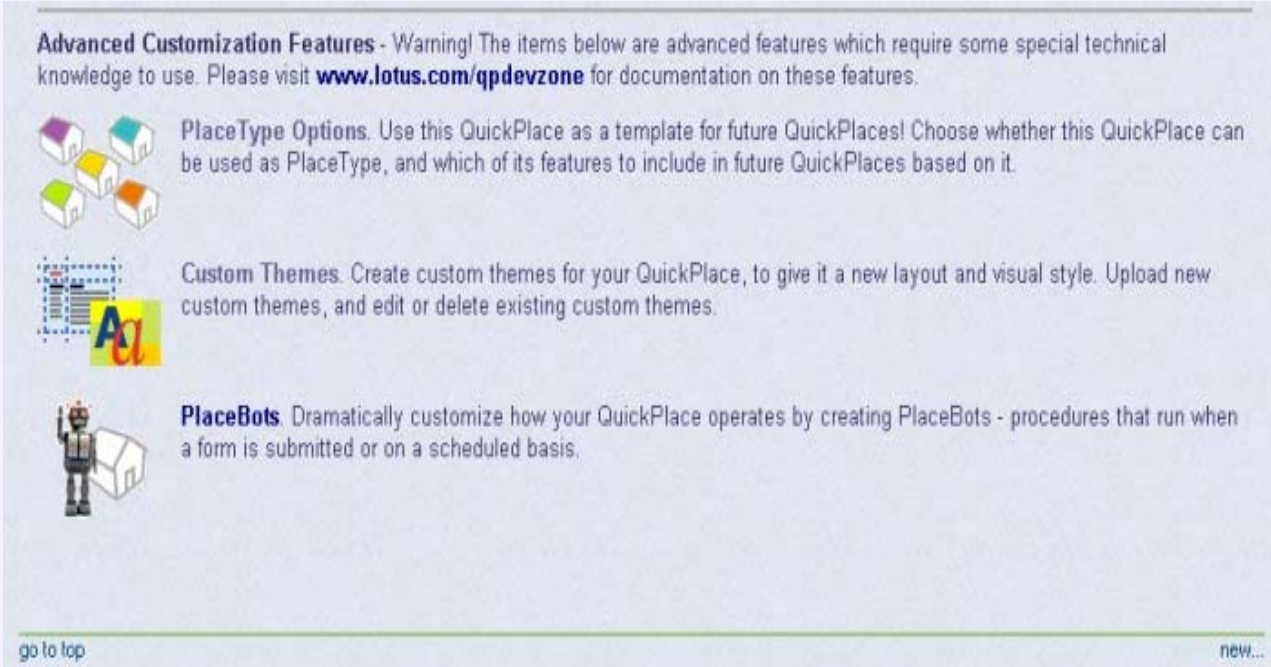
Customization Tools

The customization tools allows you to extend the functionality of the QuickPlace...

Rooms

Advanced Customization Features

These advanced features allow you to create an even more enhanced collaboration system than what is already delivered out of the box...



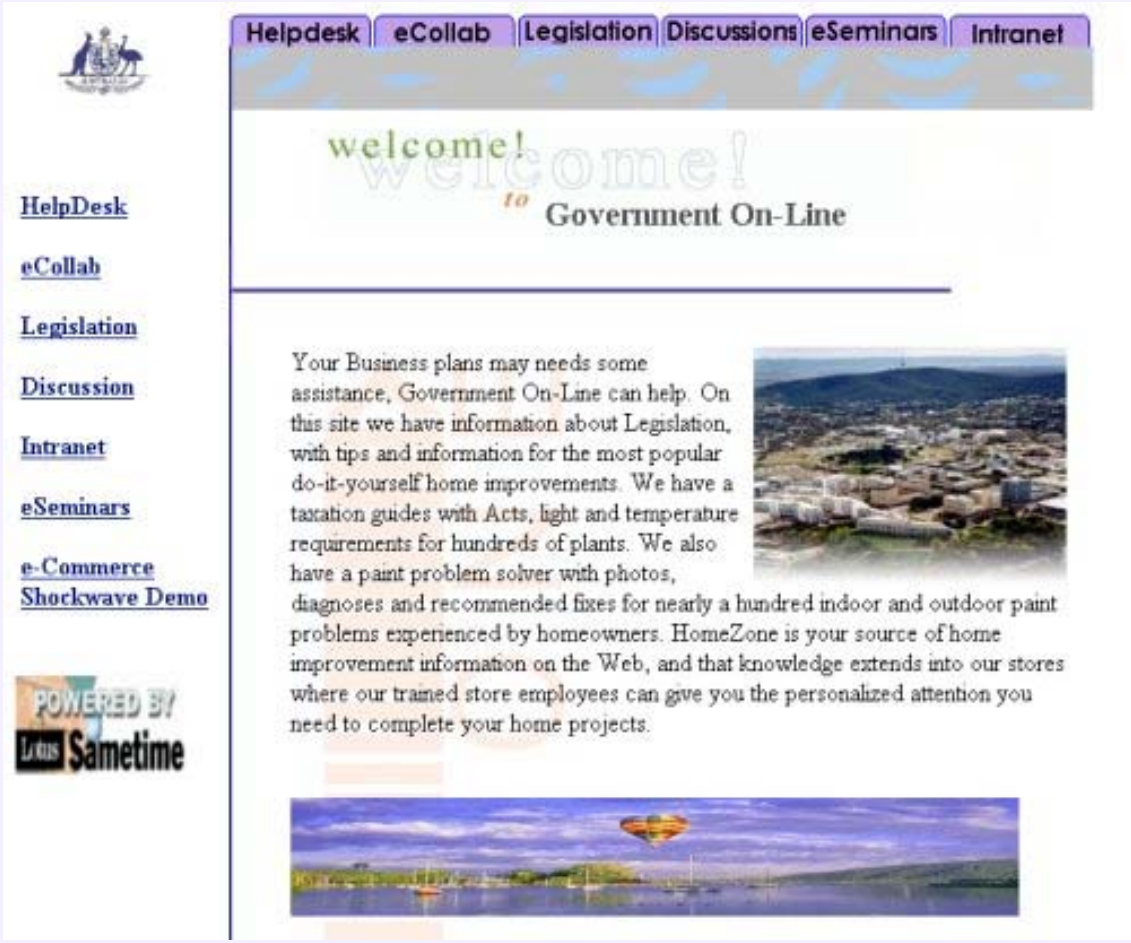
Level 1

- User Customization

- Level 2
- Web Designer HTML/ JavaScript themes and Cascading Style Sheets
- Domino Web Developer LotusScript, Java back-end classes
- QuickPlace Developer QP object model, QDK, data integration. QP Admin, DSAPI authentication. Notes API, QP event handling. XML, DXL

Build Collaborative Applications

Sametime and other collaboration applications working together...



- ✓Help Desk
- ✓Contact the Experts
- ✓Information Seminars
- ✓Componentised services
- ✓Personalise & Collaborise your web sites & business applications.....

Demonstration

Next Steps? - Who Can Help Me

IBM Software Group Services

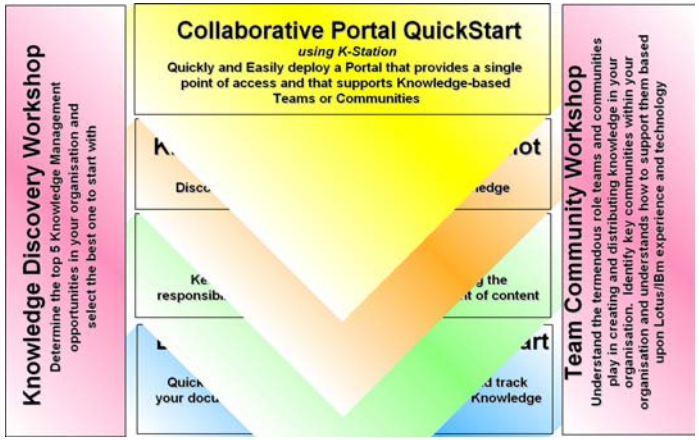
✓implementation
✓customisation
✓training

- QuickPlace Quickstart
  - ►Pilot implementation
  - ►up to 50 users
- Sametime Quickstart
  - ►Implementation of pilot
  - ►up to 50 users
- Team and Community Workshop
  - ►Help you determine appropriate team or community to pilot
  - ►Determine priorities
  - ►Determine goals for team or community
  - ►Understand the value that the service could provide
- Complete deployments

Offerings Portfolio

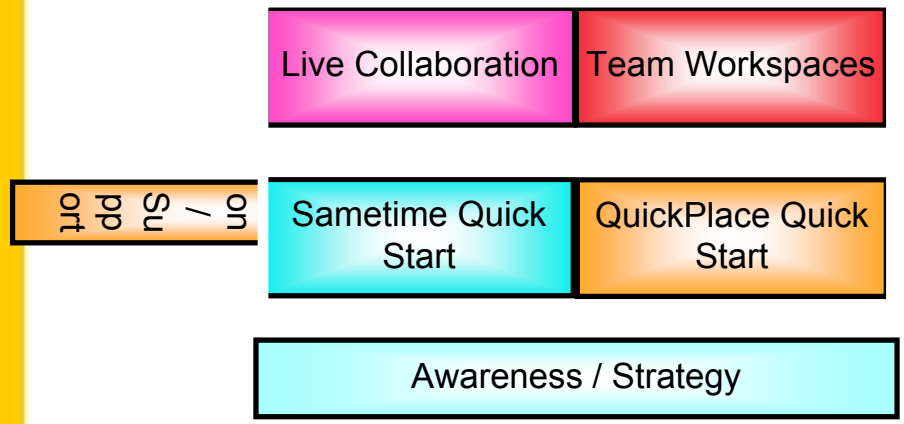
IBM Software Group Services

Advanced Collaboration

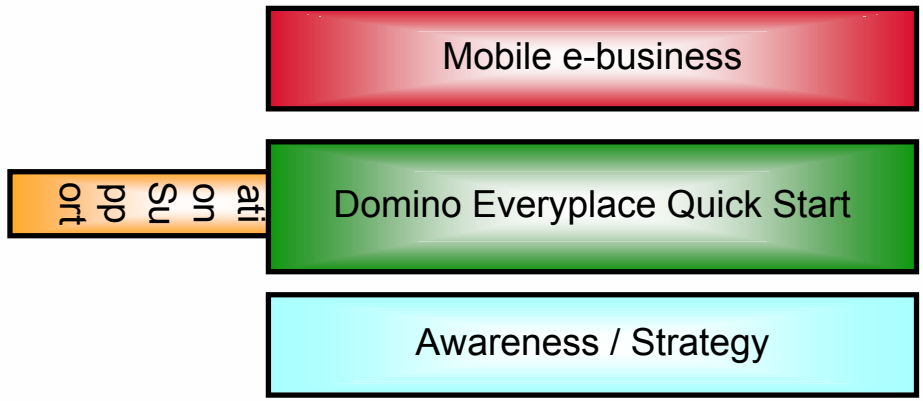


Business Collaboration

c-Commerce



Mobile e-business



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