



Lotusphere 2005

ENVISION

DECISIONS

IBM Workplace Collaboration Services 2.5

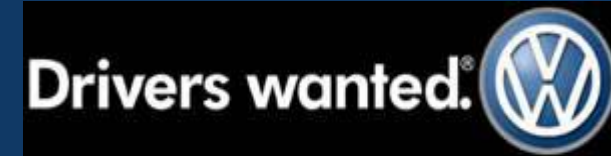
Best of Lotusphere 2005

Vendredi 11 février 2005 – Paris La Défense

André Wolf - Ingénieur Avant-Vente Lotus

Agenda

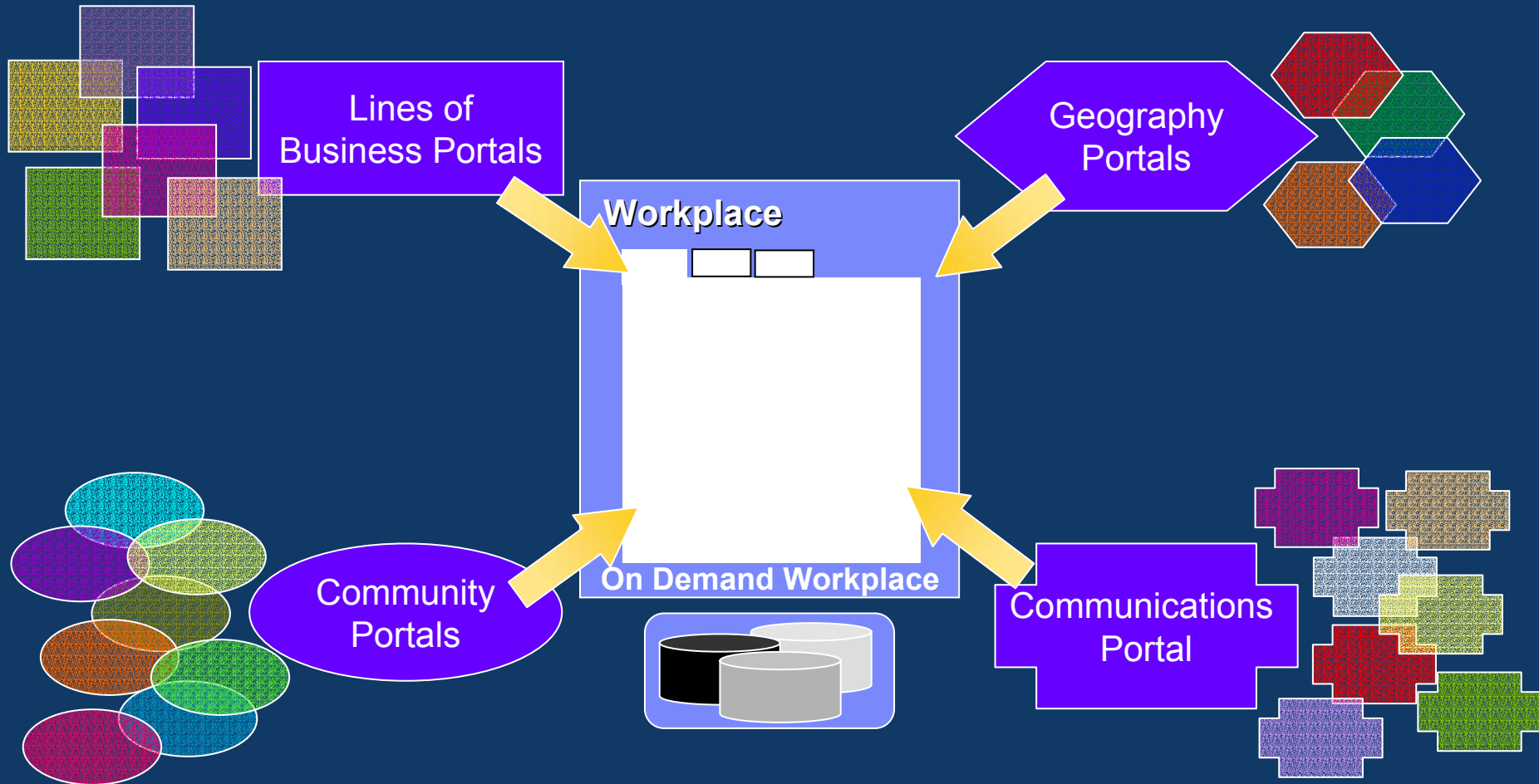
- **Why IBM Workplace**
- IBM Workplace Collaboration Services:
 - Capabilities
 - Deployment
- Conclusion



“Today, 70% of the time of our people is spent by analyzing, searching information and only 30% by making intelligent decisions. We want to flip the ratio 70/30, by providing 70% of intelligent and analytical time decision making and only 30% of administrative work.”

— Dr. Martin Hofmann
Exec. Director, Group Supply Strategy
Volkswagen AG

The IBM vision is to move from unit portals & standalone applications to a single workplace



Introducing IBM Workplace Collaboration Services ENVISION

The Product for Everyday Collaboration

DECISIONS

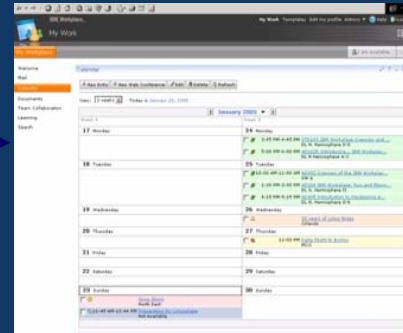
A single product providing a range of fully integrated ready-to-use communication and collaboration tools that enable people to do their jobs more effectively – anytime, anywhere.

Workplace Collaboration Services

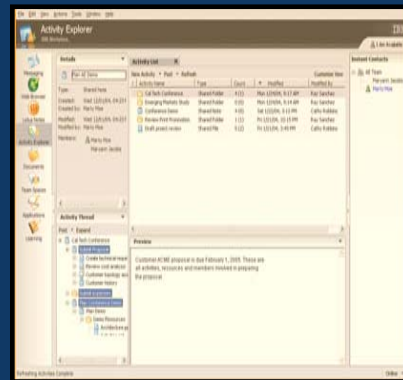


- Mail/Calendar
- Instant Messaging
- Presence awareness
- Team spaces
- Web conferencing
- Learning
- Web content management
- Document management
- Document editors
- Workplace APIs
- Templates
- Forms
- Activity explorer
- Etc.....

Planned for 31st March 2005 availability



Access via Web browser



Access via Workplace Rich Client

Pre-reqs Workplace Client Technology



Access via Workplace Mobile Client

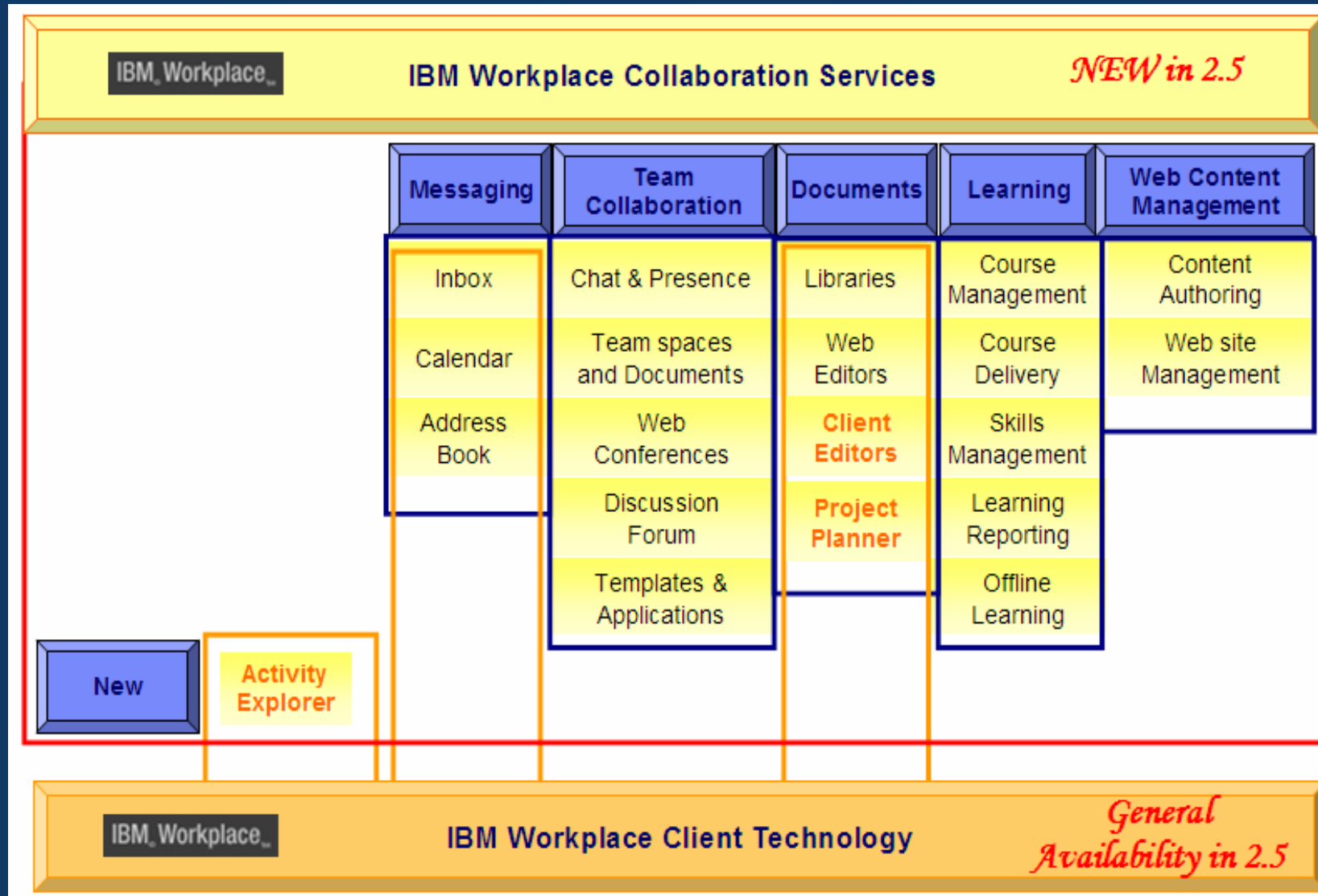
Available in future release
Currently Tech Preview



IBM Workplace Collaboration Services - Overview

ENVISION

DECISIONS



Agenda

- Why IBM Workplace
- IBM Workplace Collaboration Services:
 - Capabilities
 - Deployment
- Conclusion

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IBM Workplace **My Work** Templates Administration Edit my profile Actions

IBM Workplace Collaboration Services

NEW in 2.5

My Work

- Welcome
- Team Collaboration
- Documents
- Messaging
- Learning
- Web Content Mgmt.
- Search

What is this offering ?

- 1. A rich collaborative environment**
 - Provides a set of tools for different types of collaborations: ad-hoc, activity-centric, team, formal
 - Intuitive and consistent role-based user interface
 - Central management and provisioning of end users' environments reduce administration costs
- 2. A Portal-based interface for integrating applications**
 - Ex: Domino-based apps., with browser or rich client

Key Features

- 1. Team Collaboration**
- 2. Document Management**
- 3. Messaging**
- 4. Learning**
- 5. Web Content Management**
- 6. Centrally managed, easy to use, user management**
- 7. Integrates with rich client (additional purchase)**
 - Offline use and synchronization with server stores increase productivity
 - Mobile access for email and calendar (preview)
- 8. Common infrastructure**
 - Easy "Archive" installation for speedy deployments
 - Platform independence to optimize investments

New in the 2.5 release

- 1. User Interface enhancements**
 - Multiple skins & themes for a better selection of user interfaces
 - Quickly customize pages with drag & drop
 - Fly-out controls (instant contacts) for a cleaner layout and speedy launch
 - Application launcher for the rich client
- 2. New platforms**
 - iSeries (OS/400) and Sun Solaris
 - MS SQL Server 2000. MS AD 2003
- 3. Speedy and simple installation**
 - "Archive" installation saves time for IT and enhances reliability
- 4. Performance enhancements**
 - Currently scales to department sizes
- 5. Activity Explorer (requires rich client)**
 - Activity & process centric collaboration
 - Merges collaboration "objects" in one central place
- 6. Data Access tool (requires rich client)**
 - Create custom database-based applications with forms, views and reports
- 7. Notes Application Plug-in for rich client**
 - Run native Notes applications in rich client
- 8. Microsoft integration**
 - Document library and editors

Workplace collaboration services layout

IBM Workplace - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://apqe10.lotus.com:9081/lwp/myworkplace/!ut/p/.cmd/cs/.ce/7_0_A/.s/7_0_FL/.s.7_0_A/7_0_FL#

IBM Workplace My Work Templates Administration Edit my profile Actions Help Log out

My Workplace Pandemonium I am available

Welcome

- Mail
- Calendar
- Team Collaboration
- Learning
- Search

Getting Started

IBM Workplace brings your team, information, and applications together in a dynamic work environment that helps people be more productive.

Setting your online status
From the My Work navigation bar, click your online status link to display the menu of actions for managing your person link.

Working with people
Click the people palette to expand it and display People Finder and Instant Contacts.

Customizing pages
Click the content palette to expand it and display portlets and lists that you can add to the pages of your applications.

Working with applications
From the My Work navigation bar, click the name of the application.

Searching for information
From the My Work navigation bar, click Search to find content in your applications.

Getting help
Click the Help icon or button in any

Downloads
Your administrator has

Bookmarks

- IBM Workplace
- IBM Lotus Workplace
- Lotus Workplace Quickstart
- Lotus Workplace Frequently Asked Questions
- Lotus Workplace Self-Service
- Lotus Documentation
- Lotus Workplace Documentation
- Lotus Workplace Forum
- IBM Software Support

People Finder

Search by: Name

Search for: Search

Advanced Search

Instant Contacts

Actions

- New contact...
- New group...
- Start chat...
- Organize list...
- Show online contacts only
- Expand all groups
- Collapse all groups

empty. To add a person to in the actions menu above

IBM Workplace..

IBM Workplace Version:

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IBM Workplace My Work Templates Administration Edit my profile Actions

Team Collaboration

My Work

- Welcome
- Team Collaboration**
- Documents
- Messaging
- Learning
- Web Content Mgmt.
- Search

What is this set of capabilities ?

- Integrated synchronous & asynchronous collaboration based on J2EE architecture**
 - Ad-hoc collaboration (Instant Messaging)
 - Team collaboration (Team Spaces)
- Part of a larger collaboration platform**

Key Features

- Presence & Instant Messaging**
 - Live names, contact lists, multi-way chatting
 - Based on SIP/SIMPLE standard for easier integration
- Web Conferences**
 - Share presentations and files (e.g. MS Office), URLs and screens
 - Edit the agenda, invite attendees, download files
- Team Spaces**
 - Self-service web site creation, based on templates that can contain discussion forums (with categories, and optional moderation), task lists, persistent chat rooms, team calendars with web conferencing integration, and, collaborative document management
 - Membership management & access control
- Editing application templates and forms**
 - Self-service tool for power users to create and edit templates and forms, to build custom applications, that can better meet their business needs

New in Team Collaboration 2.5

- More Team Space templates**
 - Ex: Customer support, Event planning
 - ... or create new custom apps with your own fields and views to meet your needs
- More "built-in" portlets**
 - Built-in portlets (FAQ's, milestones, issues, etc..) are building blocks for rich applications
 - Can be customized to meet your needs
- Enhanced navigation**
 - Streamlined creation of team spaces
- Document management enhancements**
 - MS Office and MS Windows integration

Integration points for collaboration

- IM gateway for integration with Sametime**
 - Chat with non-Workplace users
- Other Workplace applications are enabled for presence and chat**

Templates

- Templates allow you to customize and roll-out rich applications for specific constituencies
 - Simple browser-based design provides flexibility and rapid application deployment
 - Consistency: deployed applications are based off templates

- Design new applications that meet your users' needs:
 - Use out-of-the-box templates:
 - **Applications:** Event Planning, Sales Team, Marketing Team, HR Team, Customer Support Team, Employee HR Site
 - **Forms:** Agenda, Announcements, Attendance, Custom, Customer Contacts, Employee Directory, FAQ's, Invitations, Issues, Links, Milestones, Minutes, Prospects, Sales Tracking, Sign-up Sheet, Survey, Vacations
 - Or create your own custom templates for applications and forms

The image shows two screenshots of the IBM Workplace Templates interface. The left screenshot displays the 'Application Template Library' with a list of templates and 'New...' and 'Import...' buttons. The right screenshot displays the 'Form Template Library' with a 'New...' button and a table of form templates.

Name	Owner
Agenda	wps admin
Announcements	wps admin
Attendance	wps admin
Custom	wps admin
CustomerContacts	wps admin
Directions	wps admin
EmployeeDirectory	wps admin
FAQs	wps admin
Invitation	wps admin
Issues	wps admin

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IBM Workplace My Work Templates Administration Edit my profile Actions

Documents

My Work

- Welcome
- Team Collaboration
- Documents**
- Messaging
- Learning
- Web Content Mgmt.
- Search

What is this set of capabilities ?

- 1. A standards-based document management system with core document library services and integrated collaborative capabilities**
- 2. Enhanced features with rich client**
 - Productivity tools (documents, spreadsheet, etc..)
 - Offline use and synchronization of document libraries with the server

Key Features

- 1. Document management**
 - Document lifecycle: check-in/out, versioning, drafts
 - Nested document libraries with custom views and folders for better organization of documents
 - Set up library memberships and document access rights for a secure repository
 - Import MS Office documents
 - Cross library document searches
- 2. Productivity tools**
 - Compose/edit documents with editors (word processing, spreadsheet, presentation)
- 3. Optional server-managed client capabilities:**
 - Dynamic client provisioning, configuration & upgrade
 - Offline capability with server synchronization
 - Rich document editors are available when original application is not available
 - Drag-and-drop documents from file system to a secure managed document repository

New in Documents 2.5

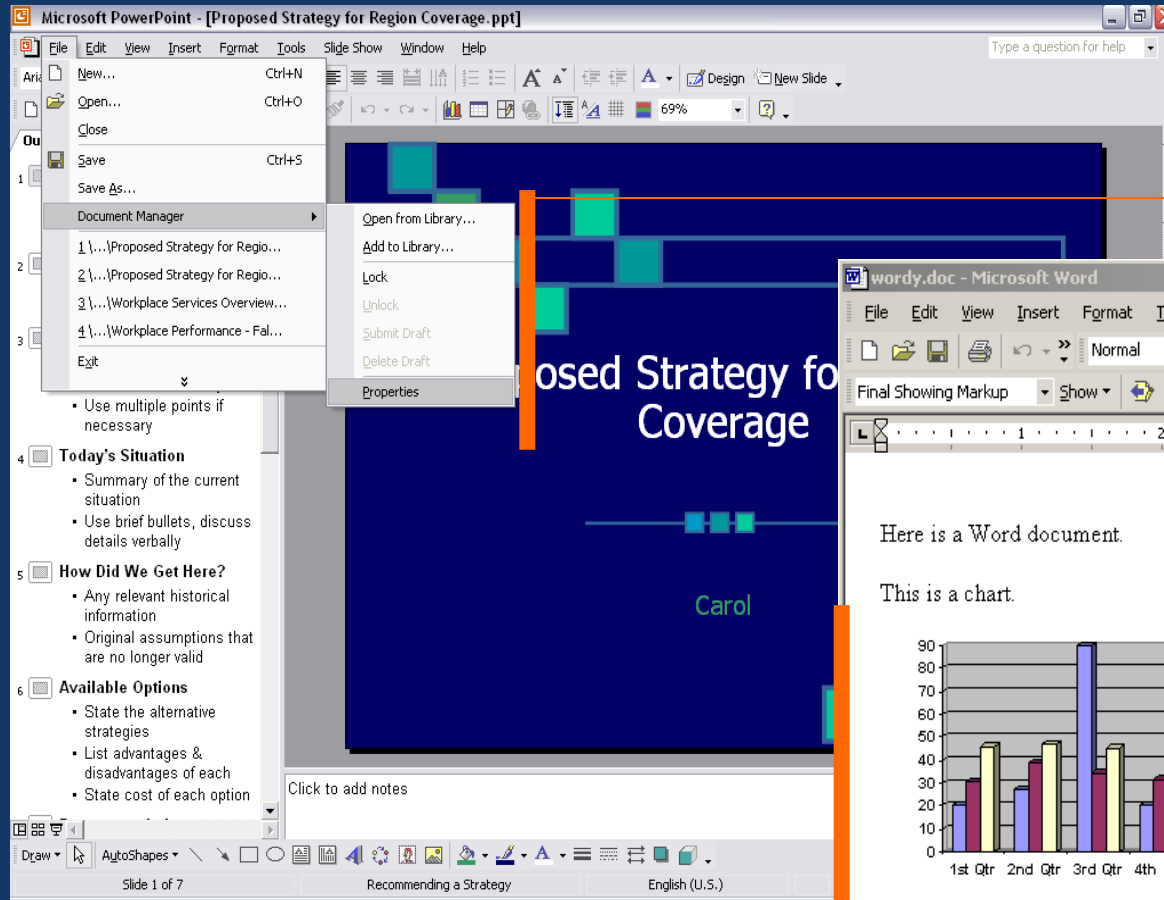
- 1. MS Windows Explorer integration with document libraries**
 - Use a familiar interface
- 2. File Menu integration for MS Office**
 - Blends Workplace into the users' familiar environment
- 3. New Productivity tool: Project Planner**
 - A new tool to enable tracking & reporting of project data with a Gantt chart view
 - Integrates with MS Project

Integration points for collaboration

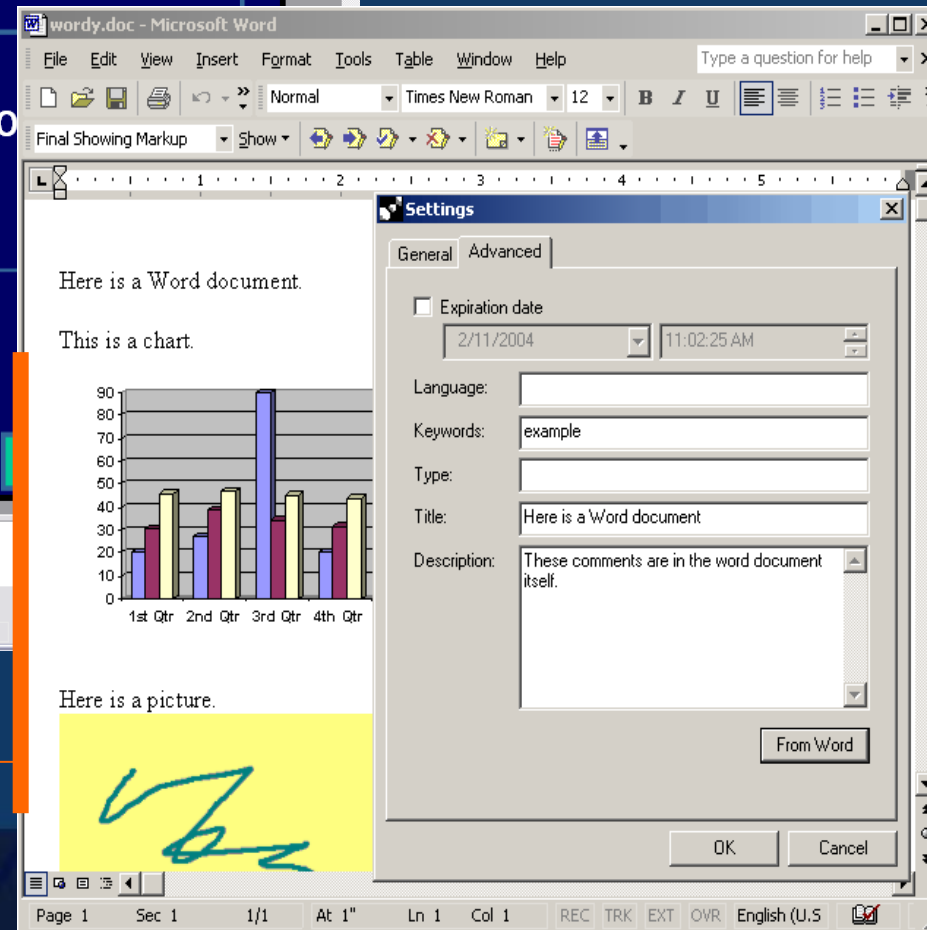
- 1. Enabled for presence and IM**
 - Instant collaboration with document authors and editors
- 2. Comments on documents**
 - Promote quality of repository, keep track of changes and requests
- 3. Save mail and mail attachments directly into document libraries**
 - Facilitate mail archival and promote reuse of information
 - Reduce file sizes

Microsoft Office Integration

Word, Excel, and PowerPoint toolbars are extended to provide direct access to portal functions such as locking, versioning, etc...



1



Document properties can be stored in portal, searched and used for preview

2

Desktop Integration

Windows Explorer extension lets you work with server documents as if they were local files

1

Files are automatically stored back on the server after being saved in Windows applications

The screenshot shows a Windows Explorer window titled 'Client' with the address bar set to 'Document Manager\localhost\Document Manager\Documents\Designs\Client'. The left pane shows a tree view of folders including 'Designs' and 'Client'. The right pane displays a list of files:

Name	Author	Last Modified
IBM Workplace Client Update AB call 3 19 2004.pps	wpsadmin	5/12/2004 3:52:01 PM
White paper 1_v02_121903_base_limdis.doc	wpsadmin	5/12/2004 3:52:10 PM
Workplace Client Integration.ppt	wpsadmin	5/12/2004 3:52:14 PM

An inset window shows a Microsoft Word document with the following text:

shared objects with dynamic membership. We introduce our design concepts, and we provide a detailed first look at data from the first 100 days of usage by a group of researchers and interns, who both confirmed our hypotheses and surprised us by reinventing the technology in several ways.

Keywords
CSCW, Computer-mediated communication, Object-centric sharing, Activity-centric collaboration, User study, Evaluation, synchronous/asynchronous collaboration.

INTRODUCTION
Ad hoc collaboration systems, such as email and chat are lightweight and flexible, and provide good dynamic support for short-term communication needs. However, for those collaborative activities which extend over longer periods of time, or over larger numbers of participants, these media rapidly become unmanageable. At the other extreme, structured shared workspaces provide good support for making sense of large corpora of messages and files. However, these environments are relatively labor-intensive to initiate, and discourage people from using them for small-scale or short-term collaborations.

The result is often that a single collaborative activity is managed with multiple stores of shared resources and media, such as email, chat, wikis, discussion databases, listservs, and document management systems. This diversity of shared resources means that people must monitor and participate in multiple shared venues, dividing

brief conversation that begins as a chat may need to be transferred into email, so as to enfranchise a larger number of participants, or for the convenience of people who are in different time zones. Moreover, if the number of people or shared resources increases, then email may prove a chaotic venue for large-scale collaborations, and it becomes necessary to transfer the resources again into a structured discussion space or a document management system.

Figure 1: From ad hoc communication to formal collaboration

The diagram illustrates three stages of collaboration: 'Ad hoc communication (email & chat)', 'Activity-centric collaboration', and 'Formal collaboration (structured workspaces)'. Arrows indicate a progression from left to right between these stages.

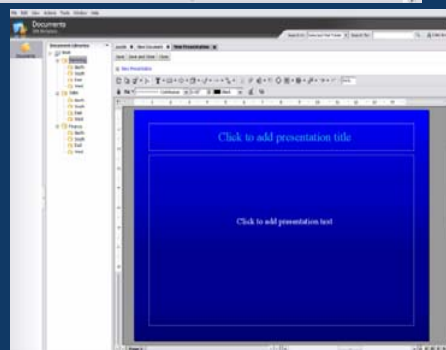
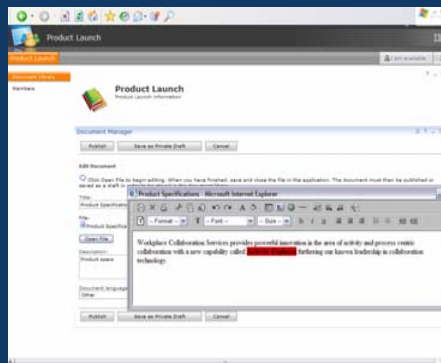
Figure 1: From ad hoc communication to formal collaboration
Our research in the Instant Collaboration project [5,6] investigates technologies that can help bridge these gaps between small vs. large numbers of participants, brief vs. extended collaborations, and informal vs. formal structures (see Figure 1). Our project has three goals:

- The first goal is to provide a hybrid system that could, at its margins, accommodate brief and informal interactions, but could also hold longer-term resources that people could share and manage.
- The second goal is to provide hybrid means for

Productivity Tools

Browser-based editors

- Lightweight applications:
 - Word Processing editor
 - Spreadsheet editor
 - Presentation editor
- Inline viewing of many file types and convenient editing of MS Office files:
 - Not a substitute to traditional productivity applications
 - Saves costs and provides better integrated end-user experience



Rich client editors

- Full feature applications requiring Workplace Client Technology (WCT):
 - Word Processing editor
 - Spreadsheet editor
 - Presentation editor
 - Project Planner
- Provide rich and robust functionality of, and, compatibility with MS Office
 - A real alternative to traditional productivity software
 - With the benefits of a centrally managed client

Editors in WCS release 2.5	Web-Based Editors		Rich-client Editors	
	Can read MS Office formats ?	Can save as MS Office formats ?	Can read MS Office formats ?	Can save as MS Office formats ?
Documents	Yes	No	Yes	Yes
Presentation	Yes	No	Yes	Yes
Spreadsheet	Yes	Yes	Yes	Yes

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IBM Workplace | My Work | Templates | Administration | Edit my profile | Actions

My Work Messaging

- Welcome
- Team Collaboration
- Documents
- Messaging**
- Learning
- Web Content Mgmt.
- Search

What is this set of capabilities ?

- 1. A standards-based, lightweight, easy-to-use messaging system**
 - Provides core messaging features
 - Includes built-in collaboration (e.g. presence, web conferencing, archival of emails)
- 2. A messaging solution for un-served users**

Key Features

- 1. Messaging**
 - Compose, reply, forward, print emails
 - Priority, delivery confirmation, signatures, etc...
 - Nested folders for better mail organization
- 2. Calendar**
 - All event types (appointments, meetings, reminders, all-day events, anniversaries)
 - Individual or repeating events
 - Global calendar formats for international users
 - C&S workflow for approvals/rejections.
- 3. Address Book**
 - Personal names and groups, selection from Directory
- 4. Support for Rich client & Mobile client (preview)**
 - Key capabilities exposed through other clients
 - Note: requires additional purchase

New in Messaging 2.5

- 1. Messaging: SPAM filtering & Junk mail**
 - SPAM user voting and smart filtering provide for increased efficiency and productivity
- 2. UI Enhancements**
 - Attention indicators & mail threading for an even more intuitive rich client interface
- 3. Database partitioning on DB2 & Oracle**
 - Overcome database size limitations
- 4. Support for pervasive devices**
 - Use Workplace anywhere (requires additional purchase) = **tech preview !**

Integration points for collaboration

- 1. Enabled for presence and IM**
 - Chat with your mail correspondents for speedier communication
- 2. Mail archival**
 - Archive your mail and attachments into document libraries to save space and promote reuse
- 3. Web conference integration**
 - Launch a web conference from your calendar

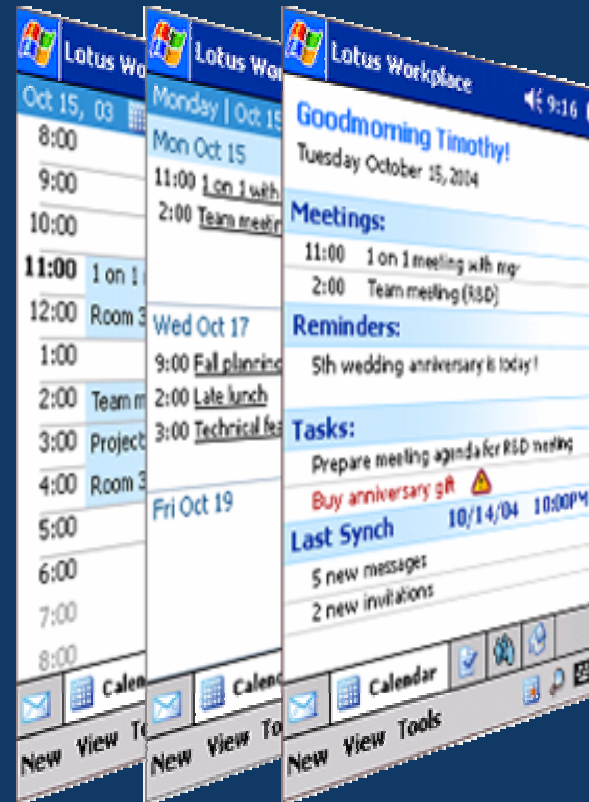
Workplace Mobile Client (Tech Preview)

Mail



- Act on your email
- Stylus tapping optimized

Calendar



- Multiple calendar views
- Manage your calendar

Contacts/IM/ Presence



- Address and phone book
- Live names
- Instant messaging
- 'Quick text'

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IBM Workplace My Work Templates Administration Edit my profile Actions

Collaborative Learning

My Work

- Welcome
- Team Collaboration
- Documents
- Messaging
- Learning**
- Web Content Mgmt.
- Search

What is this set of capabilities ?

1. **Learning capabilities to enhance Workplace & Portal applications**
 - Ex: Pre-req. messaging course for roll-out of email
 - Ex: Include Sox-related courses for Workplace Business Control and Reporting
2. **A complete learning solution** supporting self-paced, collaborative & classroom-based courses

Key Features

1. **Course Catalog that supports blended learning**
 - Delivery of online courses
 - Schedule classroom-based courses with resources
 - Curricula and certifications
2. **Embed Learning information in other applications**
 - Ex: Recommended courses
3. **Collaboration capabilities**
 - Course discussion areas & document sharing
 - Course calendaring and web conferencing
4. **Report generation**
 - Multiple outputs, schedule reports, email distribution
5. **Course authoring**
 - Tests, quizzes, surveys, learning objects
6. **Skills management**
 - Skills dictionary, individual learning plans

New in Learning 2.5

1. **Course Collaboration template**
 - Promote collaboration between course participants: questions for instructors and experts, discussions to develop new best practices, keep track of tasks and milestones, schedule ad-hoc live sessions
2. **New web service API's to automate external processes**
 - Integrate with ERP systems to retrieve information (e.g. courses) or update user profile and course information

Integration points for collaboration

1. **Enabled for presence and IM**
 - Chat with instructor and students
2. **Collaboration tools available to support courses & tie to communities**
 - Course announcements and outline, discussion forums, tasks, document management, course/team calendars, and web conferences
3. **Email and calendar integration**
 - Course events added to calendar

Course enrolment

IBM Workplace - Microsoft Internet Explorer

My Workplace

Learning

My Learning

Enrolled Courses

Name	Number
Introduction to J2EE	101

IBM Workplace - Microsoft Internet Explorer

Conference Call Details: No conference call details are available.

Welcome to the class... Current presenter: wpsadmin

IBM Software Group | Lotus software

Future of Learning: on-demand expertise and prof. development learning technologies transitioning from traditional learning to learning integrated in portal solutions

	Access	Integration	On Demand
Market Needs	Traditional Classroom Learning Administration	Blended Learning (Classroom & e-learning)	Work & Learning Integrated via workflow and app integration
Dominant Technology	Classroom Registration and Enrollments Systems	Learning Management Systems & Live Virtual Classrooms	Portals / workflow / integrated workplace / rich collaboration content management
Software Vendors	Registrar	Saba SumTotal Systems Centra IBM WebCT Blackboard	IBM Microsoft SAP PeopleSoft Oracle Siebel
	- 1995	1995 - present	2005 -

The Future of Learning

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Web Content Management

My Work

- Welcome
- Team Collaboration
- Documents
- Messaging
- Learning
- Web Content Mgmt.**
- Search

What is this set of capabilities ?

- 1. A system to author, manage and deliver web content**
 - Manage intranet, internet, extranet sites
 - Integrates collaborative documents (emails, chats, office), rich media and document images
- 2. Web Content Management is also available on native Portal and Domino**

Key Features

- 1. Author web content**
 - Template-based content authoring with WYSIWYG rich text editor to easily create content
- 2. Manage web site**
 - Versioning and roll-back for restoring or creating different versions for multiple uses (e.g. based on date)
 - Integration of information from multiple sources
- 3. Publish web content**
 - Workflow processing and approvals for improved accuracy and relevancy of content
 - Personalized delivery lets author create content once and reuse in many places based on role and preferences

New in Web Content Management 2.5

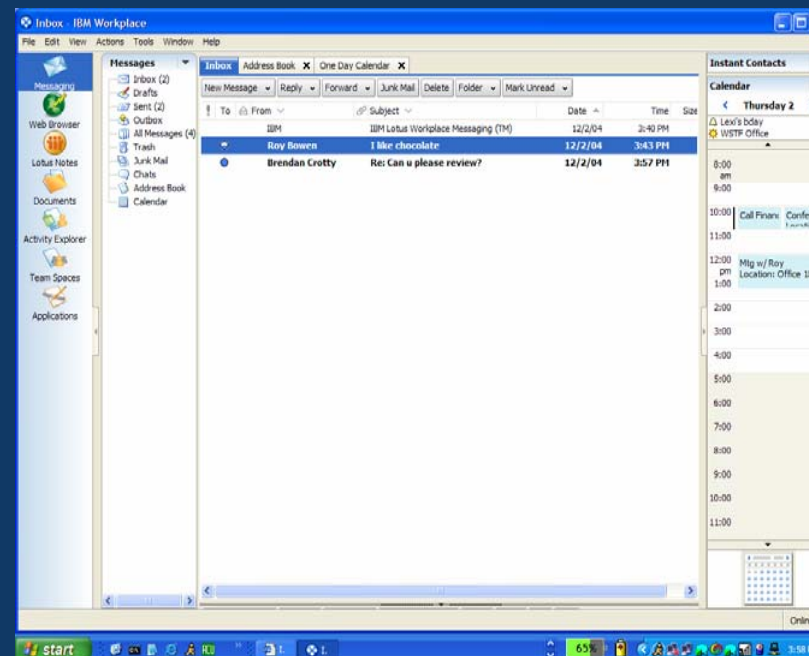
- 1. Enhanced portlet-based UI**
 - Authoring and publishing
- 2. Integration with Workplace User Mgmt.**
 - Simplified user management
- 3. Enhanced integration for installation**
 - Easier installation process

IBM Workplace Client Technology

- Provides Workplace experience through a rich client:
 - Messaging = E-mail, calendar
 - Documents = Library management, editing with productivity components, project management
 - Collaboration Services = Activity Explorer, Data Access

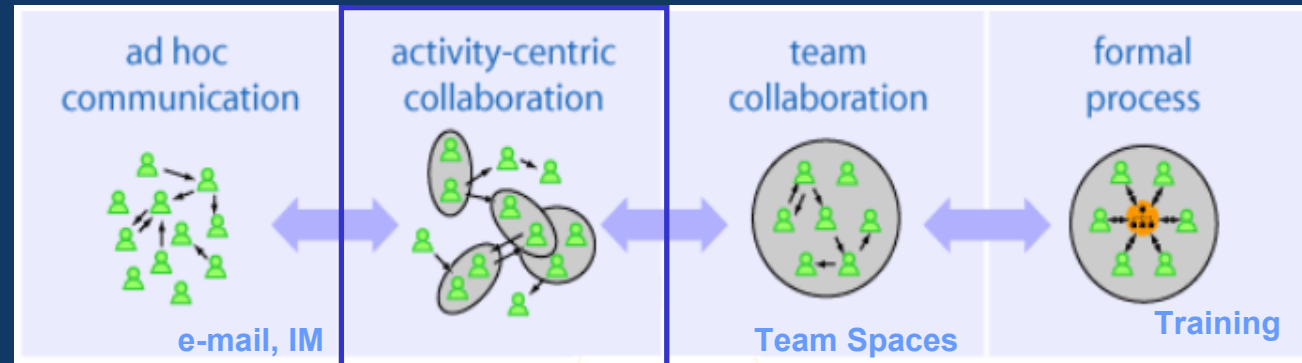
■ Key Benefits:

- Native desktop experience
 - **Rich user interface based on open source Eclipse framework**
 - **Multi-platform – Windows, Linux**
- Designed for manageability, low TCO
 - **Server-managed components**
 - **Role-based provisioning and administration**
- Support for disconnected use & synchronization
- Rich client portal
 - **Broad programmability**
 - **Composite Applications**
 - **New Innovation – Activity Explorer**



Activity Explorer: A New Collaborative Experience

- Experience different types of collaborations

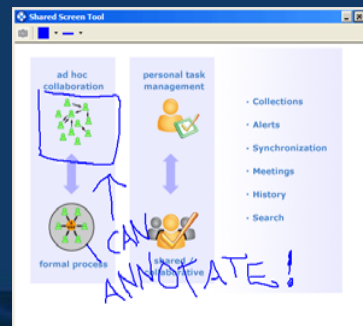


- Use of activity threads for more efficient real-time collaboration
 - Shared contextual views of activities, with threading and hierarchical structure for easy access

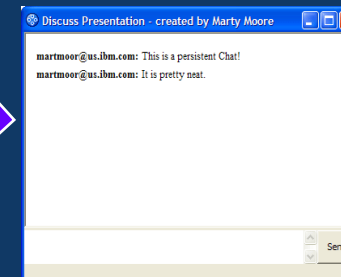
Shared Comments



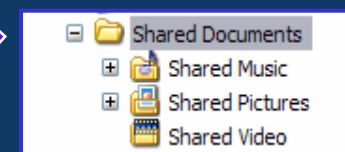
Screens with Annotations



Persistent Chats



Documents



Activity Explorer

The screenshot shows the IBM Workplace Activity Explorer interface. The main window is titled "IBM Workplace - Activity Explorer" and contains several panes:

- Details:** Shows information for a selected activity, "Client Strategy June 15 2004". It includes fields for Type (Shared File), Created (Tue 09/28/04, 11:21), Created by (Susan Adams7999), Modified (Tue 09/28/04, 11:21), Modified by (Susan Adams7999), and Members.
- Activities:** A list of activities in a table view. The table has columns for Activity Name, Type, Count, and Date. The activities listed are:

Activity Name	Type	Count	Date
try a chat from linux	Persistent Chat	0 (0)	Tue 0
More than you bargained for?	Persistent Chat	0 (0)	Tue 0
This is my first activity - be gentle!	Shared Note	0 (0)	Tue 0
Try reaching Acme again	Persistent Chat	2 (0)	Mon
- Instant Contacts:** Shows a contact named "Marty Moore" with options like Chat..., Edit..., Delete..., and New Shared Note...
- Calendar:** Shows the current date as Thursday 15 and a calendar for July 2004.
- Activity Thread:** Shows a thread for the selected activity, "Try reaching Acme again", with options like Reply/Add, Expand, and a list of replies.
- Preview:** Shows a preview of the selected activity, "Try reaching Acme again", with a context menu open over it. The menu includes options like Post, Open..., Open and Alert Members..., Members..., Add New Members, Remove Members, Paste, Delete, and Rename. The "Post" option is expanded, showing sub-options: Shared Note, Persistent Chat, Shared Folder, Shared File, and Shared Screen.

Annotations and callouts:

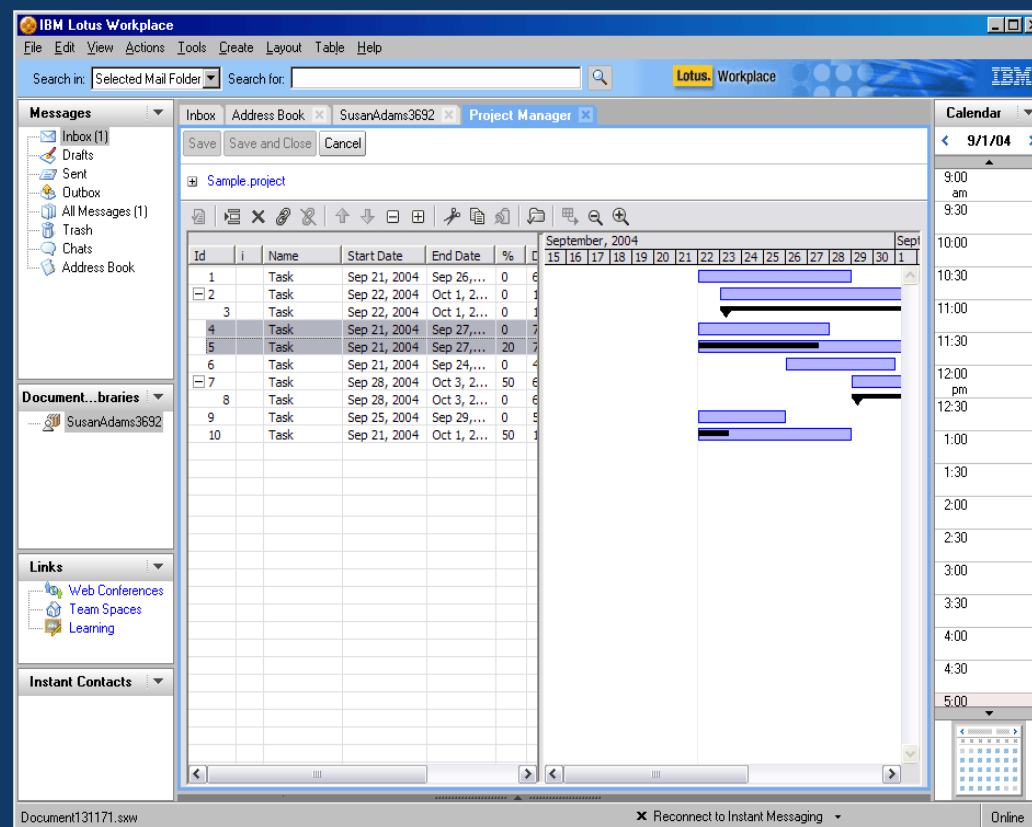
- 1. List of activities:** Points to the Activities table.
- 2. Shows all objects associated to selected activity:** Points to the Activity Thread pane.
- 3. Details on the selected object:** Points to the Details pane.
- 4. Preview pane:** Points to the Preview pane.
- 5. Contact List:** Points to the Instant Contacts pane.

Additional information:

- A status bar at the bottom right shows: "Dan Crawford is looking at the shared messageactivity" and "Need to talk to you asap".
- A yellow box in the bottom left corner provides information about a "New Screen" object: "Type: Shared Screen. This object is not being shared with others. The following members are currently viewing this object: Marty Moore".

Project Planner

- Delivered as rich client component and packaged with:
 - Workplace Collaborative Services
 - Workplace Documents
- Enables tracking & reporting of projects
- Provides a subset of MS Project:
 - View Gantt chart
 - Add project tasks and resources
 - Assign tasks to resources
 - Create sub & summary tasks
 - Link dependent tasks
- Import/Export data from MS Project XML files
 - MS Project 2000 and 2003

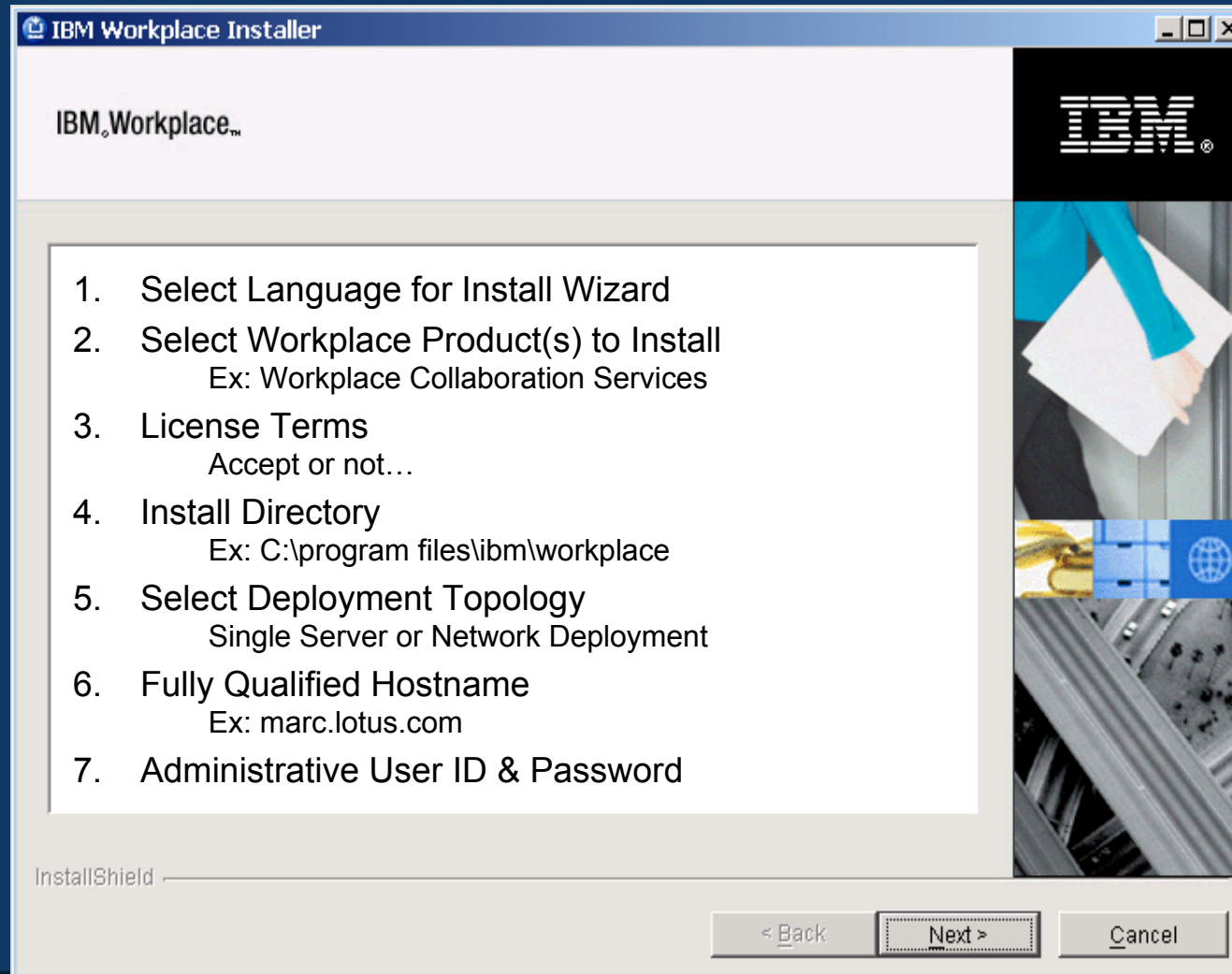


Agenda

- Why IBM Workplace
- IBM Workplace Collaboration Services:
 - Capabilities
 - **Deployment**
- Conclusion

Installation

New "Archive" installation:
From Zero to ... Workplace Collaboration Services... in a few simple steps:

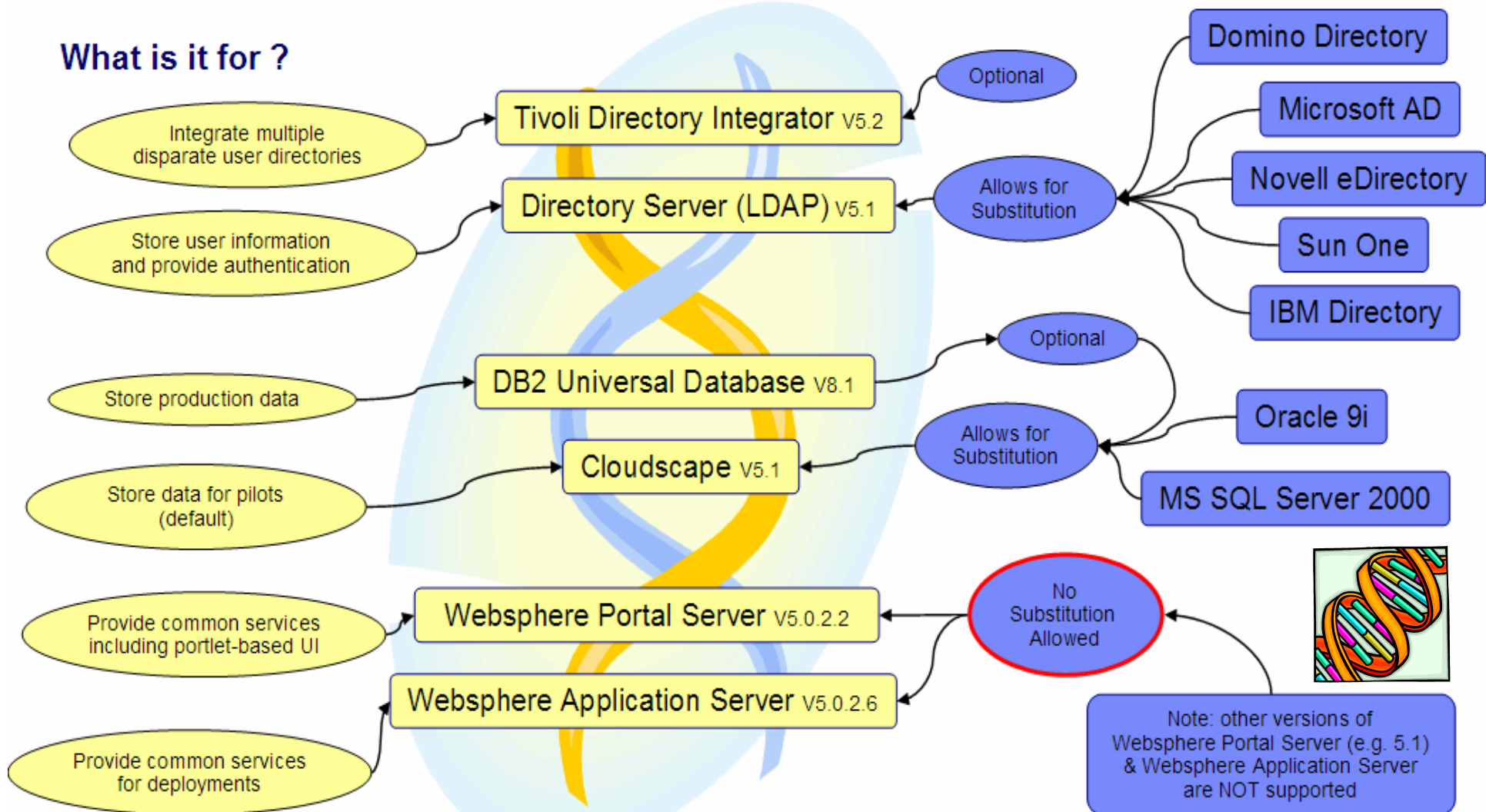


Post-installation tasks required for production:

- i. Connect to LDAP directory
- ii. Replace Cloudscape with another database

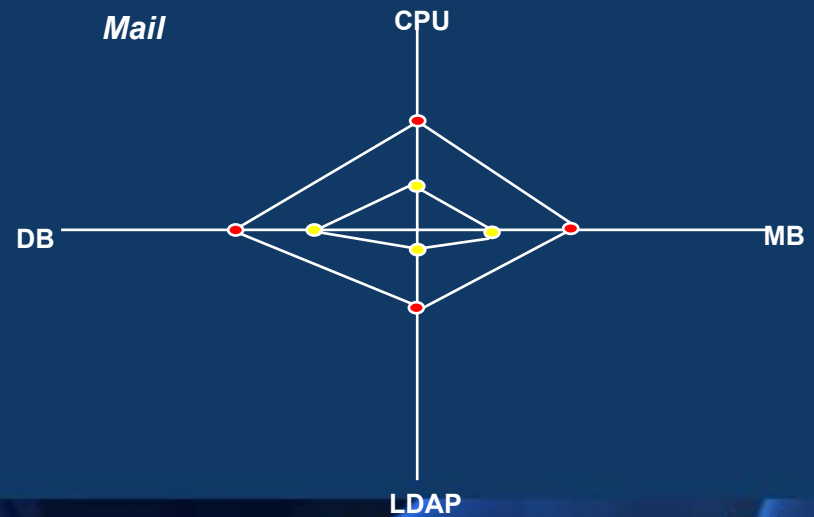
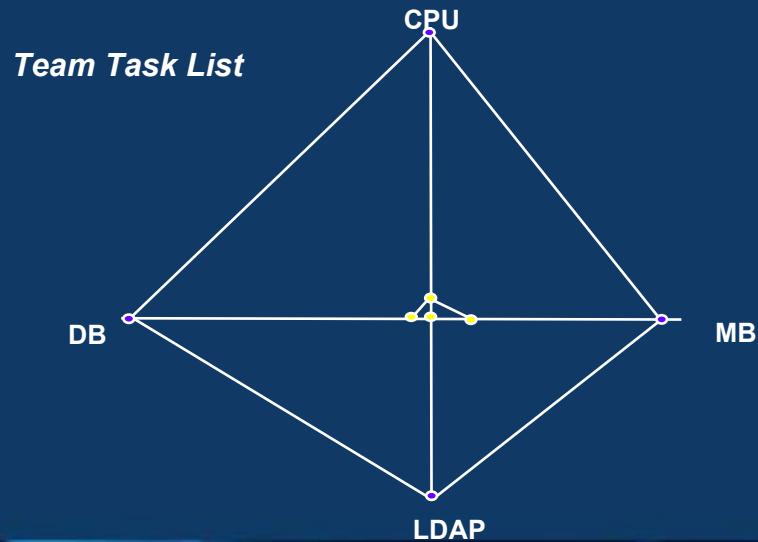
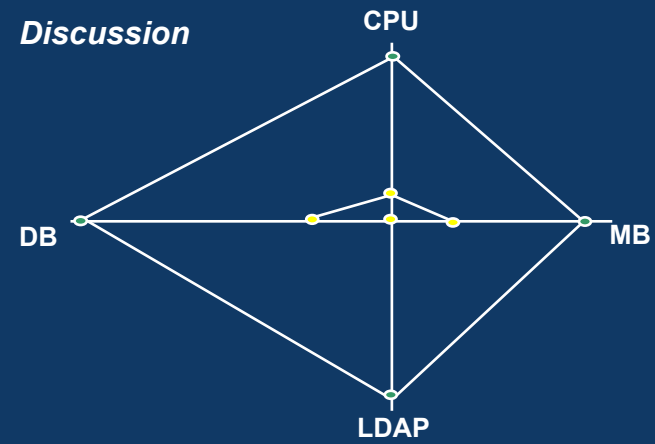
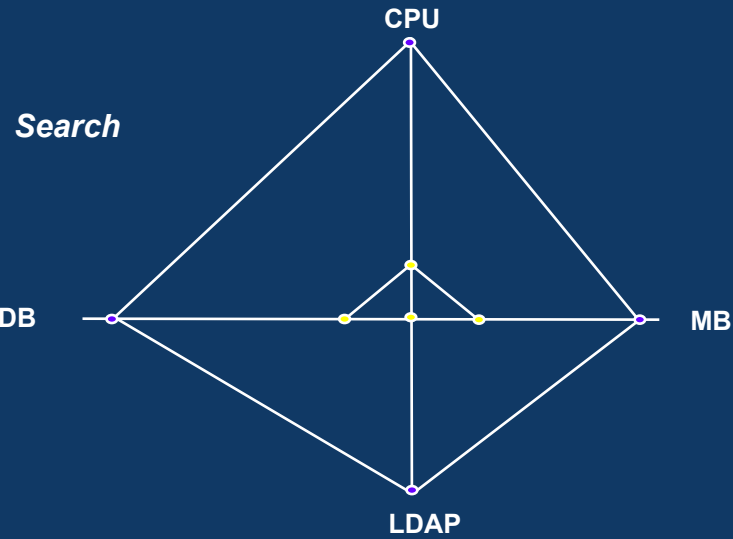
Components of Workplace Collaboration Services 2.5

What is it for ?



Note: All bundled Software is restricted for use with Workplace Collaboration Services

Workplace 2.5 Performance Improvements



Supported Platforms

Server OS:

- Win 2000 Server and Advanced Server
- Win 2003 Standard and Enterprise Edition
- Red Hat Enterprise Linux AS for Linux (x86) 3.0
- SuSE SLES 8, 2.4 Kernel (for Intel) *Updated*
- AIX 5.2 & 5.3
- **iSeries - OS/400 V5R3** *Updated* *NEW in 2.5*
- **Solaris 9** *NEW in 2.5*

Server Database:

- DB2 Enterprise Server Edition V8.1
- DB2 Workgroup Edition V8.1
- Oracle 9i
- **MS SQL Server** Enterprise 2000
- Cloudscape 5.1 *NEW in 2.5*
- DB2 For iSeries: V5R3
- DB2 Clustering via HACMP (pos. SGA) *NEW in 2.5*

Proxy Servers:

- Websphere Edge Server 2.0.2 *NEW in 2.5*
- Tivoli Access Manager 5.1
- Sun One Portal Server 6.2

Client - Browser OS:

- Windows XP
- Windows 2000
- SuSE Linux Desktop (SLD) v1.0
- Red Hat Enterprise Linux WS v3.0

Client - Browsers:

- IE 6.0 SP1 - JRE Sun 1.4.2 or MS JVM 1.1 *Updated*
- Mozilla 1.4 on Linux - JRE Sun 1.4.2
- Mozilla 1.4 on Windows - JRE Sun 1.4.2
- **Firefox** 1.0 on Linux - JRE Sun 1.4.2 *NEW in 2.5*
- Firefox 1.0 on Windows - JRE Sun 1.4.2 *NEW in 2.5*

LDAP

- IDS V5.2
- Domino 6.5 *Updated*
- MS Active Directory 2000 *Updated*
- MS Active Directory 2003
- Sun ONE Directory V5.2 *Updated*
- Novell eDirectory V8.7 *Updated*
- Domino Directory Assistance R6.5 (federate multiple Domino directories (NABs) only)
- IDS - iSeries V5.1 (with OS400 V5R3)

NEW in 2.5

Agenda

- Why IBM Workplace
- IBM Workplace Collaboration Services:
 - Capabilities
 - Deployment
- Conclusion

In conclusion

