THE WORKPLACE FOR
!NNOVATION

Notes/Domino 6.5 and Beyond

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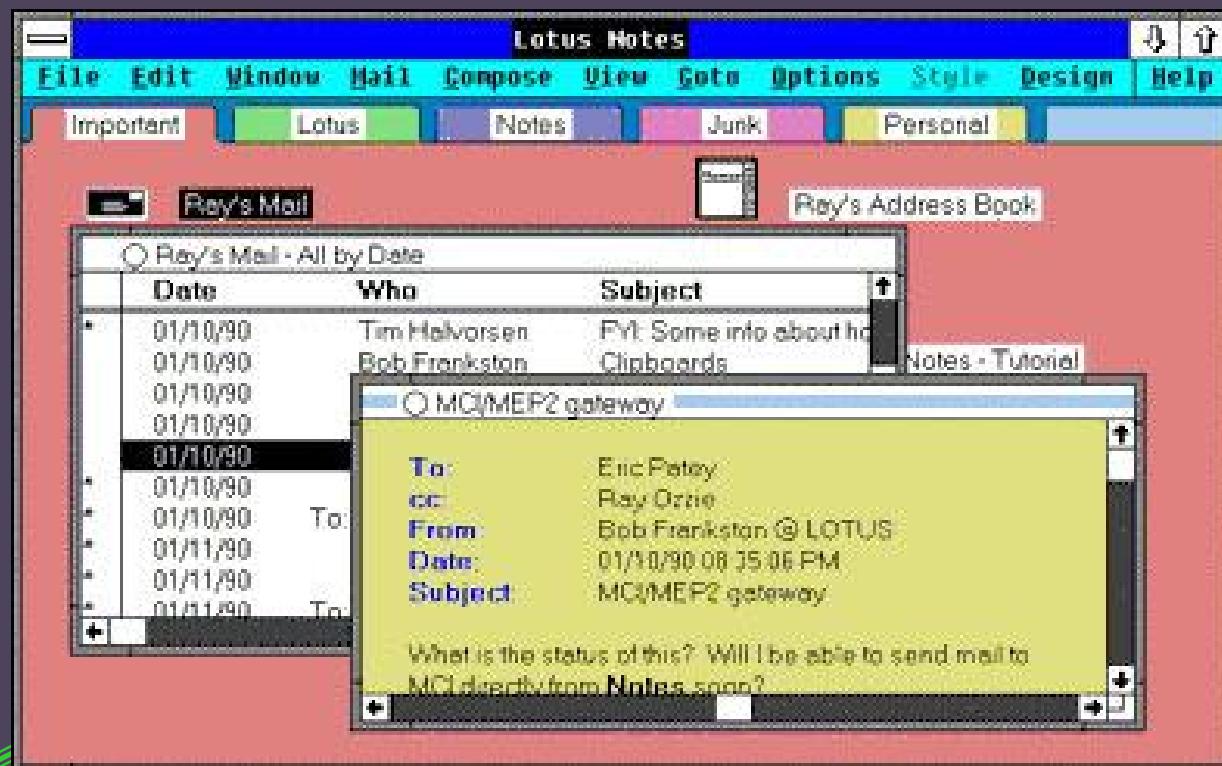L_todorov@bg.ibm.com

Lotus software

Agenda

§ Lotus Workplace & Notes/Domino

§ Timeline of Notes/Domino

§ Product review

§ Summary

THE WORKPLACE FOR
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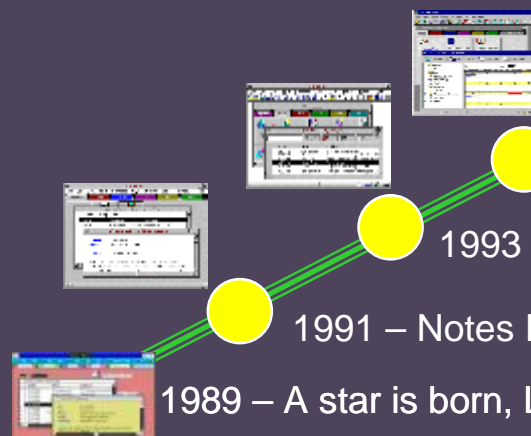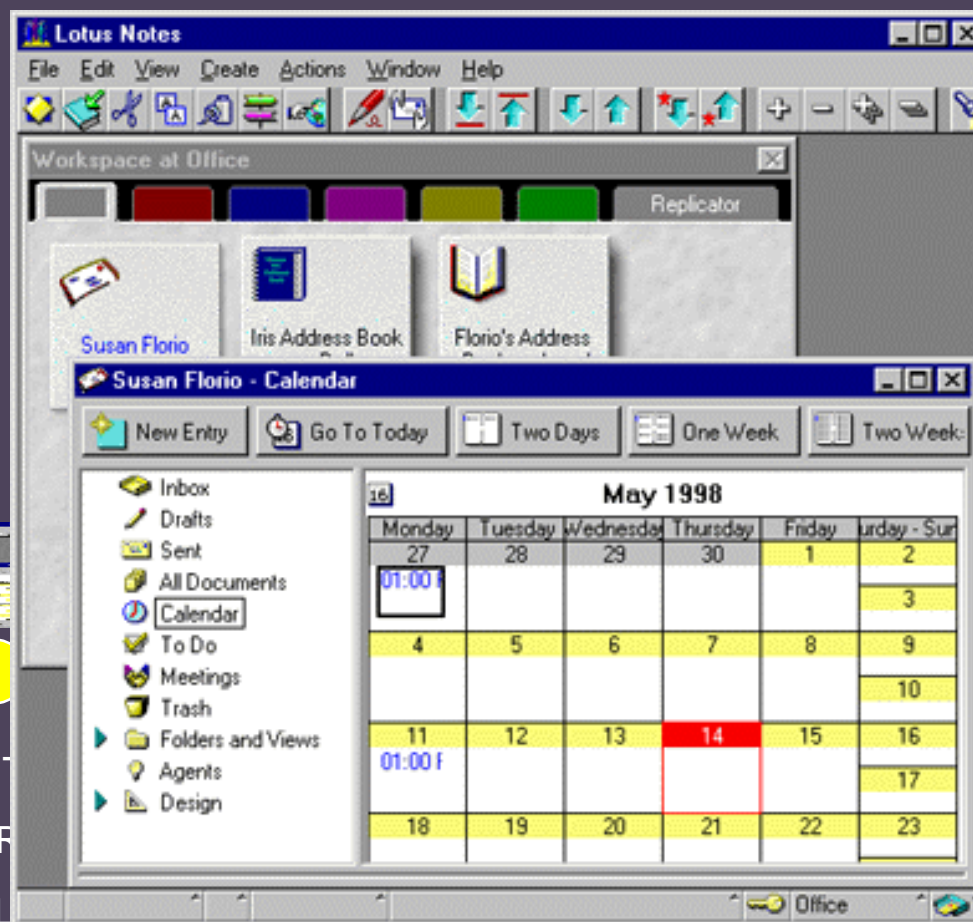**Lotus** software

IBM's Leadership In Messaging and Collaboration

1989 – A star is born, Lotus Notes R1

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Lotus software

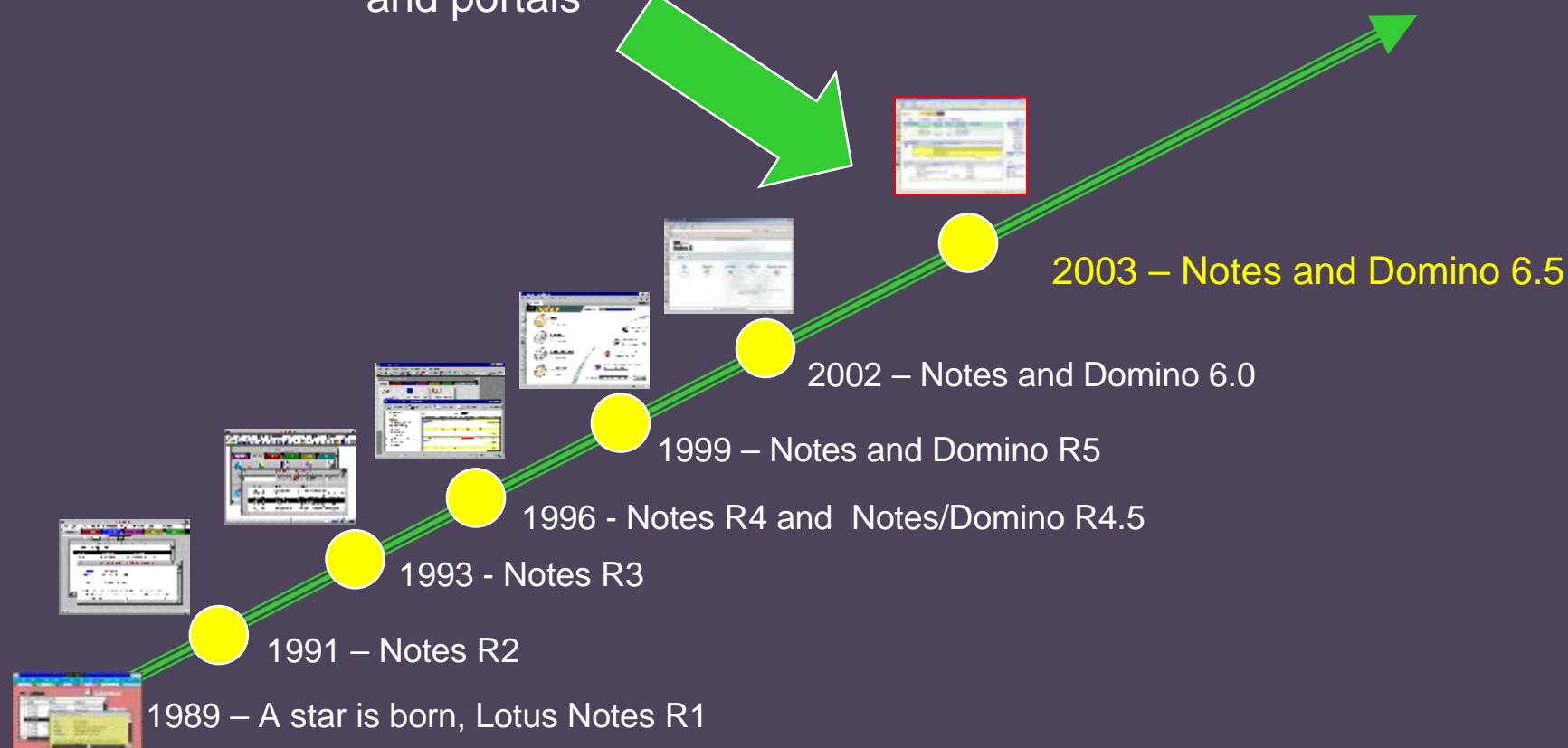# IBM's Leadership In Messaging and Collaboration

1993 –

1991 – Notes R

1989 – A star is born, L

IBM's Leadership In Messaging and Collaboration

Lotusphere 2004

Extending Domino to integrated collaboration and portals

2003 – Notes and Domino 6.5

2002 – Notes and Domino 6.0

1999 – Notes and Domino R5

1996 - Notes R4 and Notes/Domino R4.5

1993 - Notes R3

1991 – Notes R2

1989 – A star is born, Lotus Notes R1

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IBM Lotus Workplace

Lotus Workplace collaboration platform & Assembly Tools

Presentation Layer (Portal Based)

Mail & PIM		Real-Time Collaboration		Document Management	Dynamic Learning		Work Flow	And others ...
Calendar Picker	Unified Messaging	Contact List	Shared Screen	Document Library View	Content Authoring	Content Delivery	Workflow View	Including Extensions via 3rd parties
Calendar	Mail Box	Awareness	App Share	Document Library	Learning Management		Workflow	

Organizational Modeling Extensions	User Interface Extensions	Storage & Content Extensions	Workflow & Notification Extensions

Built on Open Standards (J2EE, LDAP, SQL and Web Services) and Domino Server
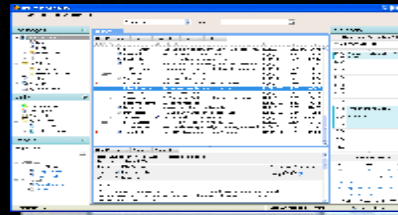
Consistent User Exper...

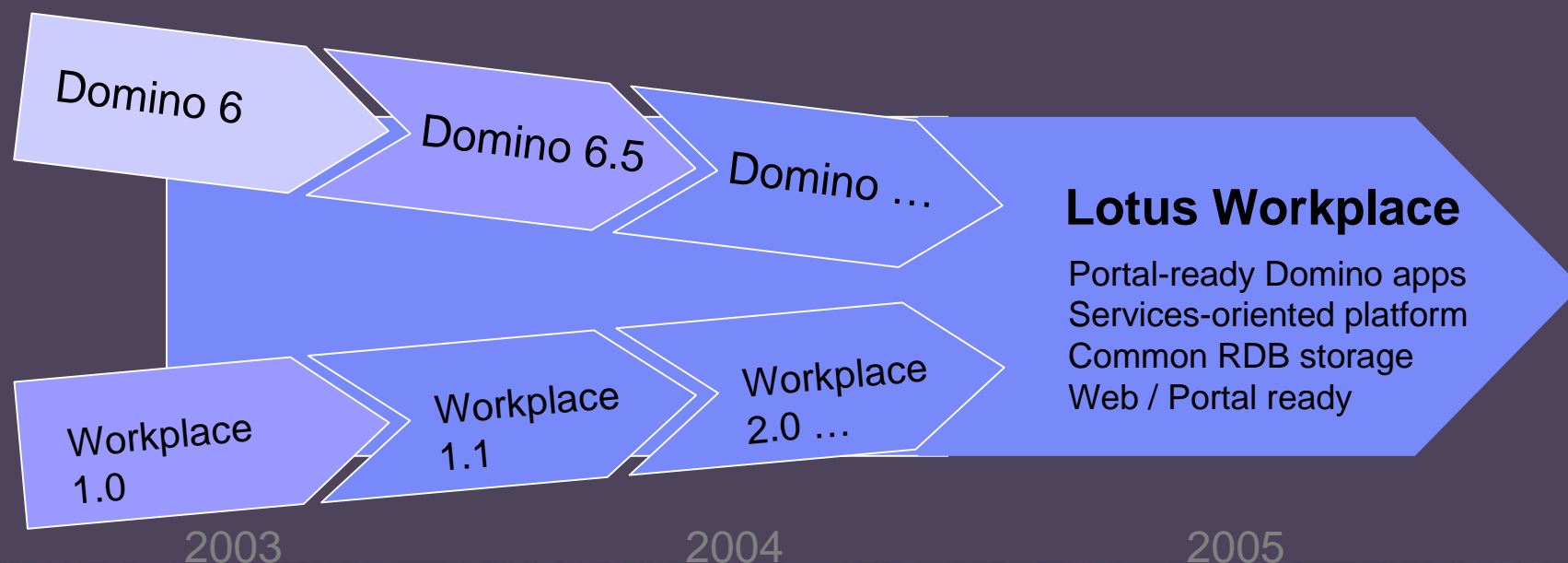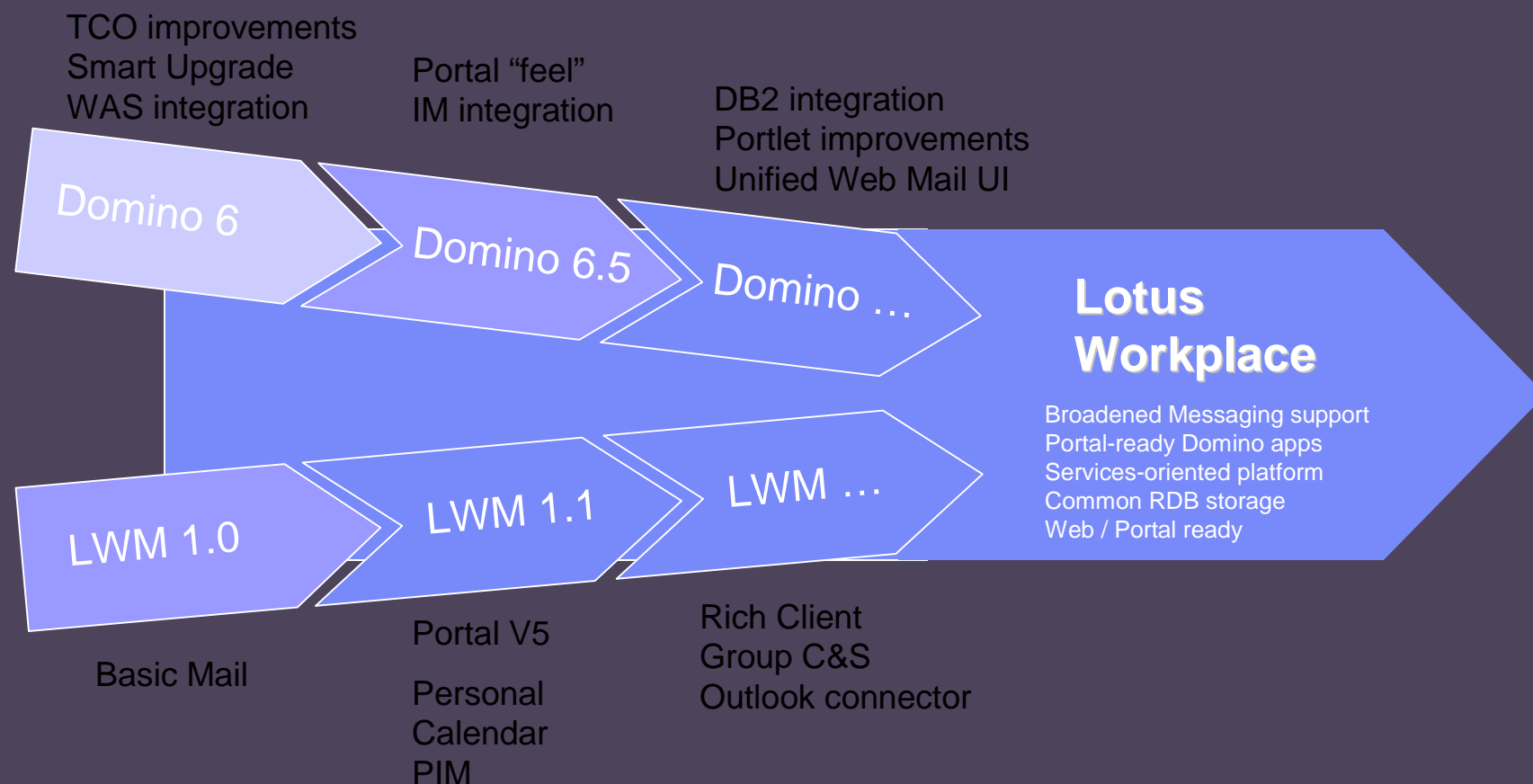Notes Client   Web Browser   Rich Client   Mobile Client   MS Outlook Client

INNOVATION

Lotus Software

Lotus Workplace extends Notes/Domino investments

§ **Domino is a key content and application provider for Workplace**

§ **Domino products co-exist and interoperate with Workplace**

§ **Domino skills sets and license investments carry forward to Workplace**

§ **Upcoming Domino product investments evolve customers to Workplace**

Domino 6

Domino 6.5

Domino …

Workplace 1.0

Workplace 1.1

Workplace 2.0 …

Lotus Workplace

Portal-ready Domino apps
Services-oriented platform
Common RDB storage
Web / Portal ready

2003   2004   2005

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Lotus software

Getting to Lotus Workplace

TCO improvements
Smart Upgrade
WAS integration

Portal "feel"
IM integration

DB2 integration
Portlet improvements
Unified Web Mail UI

Domino 6

Domino 6.5

Domino …

Lotus Workplace

Broadened Messaging support
Portal-ready Domino apps
Services-oriented platform
Common RDB storage
Web / Portal ready

LWM 1.0

LWM 1.1

LWM …

Basic Mail

Portal V5

Personal
Calendar
PIM

Rich Client
Group C&S
Outlook connector

2003

2004

2005

Timeline of Notes / Domino & Lotus Workplace releases …

**Notes / Domino
Maintenance releases**

Q1 2005
- Notes 5.0x EOS
- Notes 6.0.5
- Notes 6.5.4

Q3 2004
- Notes 6.5.3

Q2 2004
- Notes 6.0.4
- Notes 6.5.2

Q1 2004
- Notes 5.0.13
- Notes 6.5.1

1H 2005
- Notes 7.0 including the extended Domino portfolio products (IBM Lotus Instant Messaging & Web Conferencing, IBM Lotus Team Workplace, IBM Lotus Domino Document Manager, etc)
- Lotus Workplace products 3.x

2H 2004
- Lotus Workplace products 2.x

Q3 2003
- Notes 6.0.3

1H 2004
- Notes 6.5.1 including the extended Domino portfolio products (IBM Lotus Instant Messaging & Web Conferencing, IBM Lotus Team Workplace, IBM Lotus Domino Document Manager, etc)
- Lotus Workplace products 2.0

Q3 2003
- Notes 6.5
- Lotus Workplace products 1.1

**Major Feature releases
For Notes / Domino &
Lotus Workplace**

NOTE: Information is subject to change based on business need

Provides a highly secure messaging and collaboration platform for sharing data and connecting your employees and extended communities

§ Gives users a **single access point** to their most valuable messaging, collaborative and personal information management (PIM) resources through the new Lotus Workplace for Notes welcome page

§ **Integrates Lotus Instant Messaging functionality** to provide presence awareness and enable users to initiate chats with colleagues—without launching a separate application

§ **Maximizes responsiveness** through follow-up function and visual indicators to show users when they've forwarded or replied to e-mail messages

§ **Helps reduce total cost of ownership** through minimal training requirements, end-user productivity enhancements and built-in management functions like Smart Upgrade

Design themes for the Notes client

§ Continued focus on:
  - Productivity
  - Usability
  - Extensibility
  - Total cost of ownership
  - Continued quality improvements
  - Seamless integration with the Domino portfolio
  - Integration with Workplace (coming in 7.0)

§ Alternating focus between Notes (client) and Domino (server) releases
  - 6.5 - focus on Notes client
  - 7.0 - focus on Domino server

6.5 / 6.5.1 highlights

§ Workplace Welcome Page

§ Improved Lotus Instant Messaging and Web Conferencing integration

- 4 Presence awareness (Mail forms, Inbox view, Welcome Page, etc)

- 4 Chat via right mouse menu

- 4 Ability to add presence awareness to custom Notes applications

- 4 Option to show/hide Instant Contact List

§ Follow up flags for email (low, normal, urgent)

§ Reply w/o attachments

§ QuickRules for end users

§ Replied to / forwarded to indicators

§ Block mail from sender

§ Archiving C&S entries

Lotus software

6.5 / 6.5.1 highlights *(continued)*

§ Mail view options
  - 4 Time column
  - 4 View unread / read

§ Replication of unread marks

§ Drag and drop to the calendar

§ View by category in the calendar

§ Rename a resource

§ Improved control for rescheduling repeating meetings

§ Export to CSV (Comma Separated Value) file format

§ Printing enhancements (description field)

§ Option to set Notes as default mail client (Windows 2000/XP)

Workplace and Domino

Provides unified access to the tools, tasks, and the people users work with

Domino Web Access

Domino Access For Microsoft Outlook

What's In 6.5.1?

Lotus. software

§ Notes/Domino components

4 Lotus Notes and Domino, Domino Web Access (iNotes), Domino Access for Outlook

§ Extended products

4 Lotus Instant Messaging (Sametime), Lotus Web Conferencing (Sametime), Lotus Team Workplace (QuickPlace), Lotus Domino Document Manager (Domino.Doc), Lotus Workflow, Lotus Workplace Web Content Management and Lotus Enterprise Integrator

§ Portlets

4 Lotus Workplace sample portal pages

4 Domino Web Application Portlet, Lotus Domino Toolkit for Websphere Studio

Themes of the 6.5.1 Release - Interoperability

§ All 6.5.1 extended products are <u>tested together</u> and supported

  ◢ to work with Domino 6.5.1 platform and current Websphere Portal 5.02 release

  ◢ Represents an integrated approach to testing

§ Coordination among releases

  ◢ helps reduce your testing of individual products and their applications to run on same version of the Domino server

§ Messaging & collaboration platform combines elements of Websphere Portal & Lotus Collaborative components

  ◢ messaging, calendar and scheduling, on-line awareness, meetings, chat, workflow, document management, and content management

§ Improved documentation

  ◢ serialized install & config instructions with troubleshooting guidelines

What's New & Value Props –
Instant Messaging & Web Conferencing

§ **Value Points**

- Provides instant, anytime access to people/experts
- Brings together geographically dispersed team members
- Increases personal and team productivity
- Is extensible to customers, business partners and suppliers
- Enables faster collective decision-making

§ **New Features**

- Mozilla 1.4.1 support for Linux
- Integrated NSD diagnostics collection
- Client filtering
- Ability to turn off IM in Notes client
- Tivoli WebSeal Reverse Proxy integration capability
- Enhanced LDAP performance
- Improved Performance & Serviceability

What's New & Value Props –
Team Workplace

§ **Value Points**

- Improves organizational effectiveness and internal business processes
- Self service and ease of use accelerates ROI
- Offline support increase productivity
- ~10-20% the cost of e-room

§ **New Features**

- Updated Windows application integration
  - MS Office 2003 support
- Practical limit increased to 4000 members per QuickPlace
- Improved usability & end user performance
  - GZIP
  - Improved image file handling
  - Last editor now displays
- Directory improvements (6.5)

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ND 6.5.x -
A consistent Web and Client UI Framework

Lotusphere 2004

User Interface Framework

Notes

Portal/ Browser

Workplace Welcome and IM Integration

Consistent Portlets and Pages

Collaborative Services

| Mail and PIM | Realtime Collab | Doc Mgmt | Learning | | ... | Custom Apps |

Common Services Platform

Domino Web Application Portlet

Infrastructure

Domino

2003

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Domino 7:
Infrastructure and Service Framework

2004-2005

User Interface Framework

Notes

Portal

Service Integration and Consistency

SQL Constructs and Design for Portal

Collaborative Services

| Mail and PIM | Realtime Collab | Doc Mgmt | Learning | | Custom Apps |

Continued TCO with Scalability Admin and LDAP Directory

Infrastructure

Web Services

Domino

DB2

Three Tier Architecture for Storage

Lotus software

Domino 7 goals

- § **Performance**
  - 25% overall CPU reduction
  - 50% more benchmark users(Notes &DWA)
  - Linux thread pools
  - IIOP performance
  - Networking performance
- § **DB2 as a data store both local and remote**
- § **Admin enhancements**
  - Autonomic approach to diagnose administrative issues
  - Domain-wide, unified, feature-based view of problems
  - Coverage for "Gap" areas like agent and appl administration
  - Tivoli RME integration
  - Web Admin port to Mozilla
  - SmartUpgrade enhancements
  - Client Policy Lockdown

- § **Integration**
  - Support for Java 1.4; native Java debugger
  - Web Services Hosting
  - DXL Importer/Exporter completion
  - IIOP/Java API extensions
  - Extend WAS and WP integration
- § **Mail**
  - Mail rule scalability
  - Mail rule extensions for anti-Spam
  - Improved MIME->CD conversion fidelity
- § **Security**
  - 1024 bit key support
  - Protect passwords with xACLs
  - Security SDK APIs
- § **Serviceability improvements**
- § **Web Server improvements**

What's coming in Notes 7.0 *(continued)*

§ Productivity enhancements

  4 Asynchronous (non-blocking) on database open

  4 Auto processing accept – double book conflicts

§ Usability enhancements

  4 Archive/Cleanup Utility for Calendar Entries

  4 Sort by subject

  4 Enhanced meetings view

  4 Quickly close all open Notes windows

  4 Confirmation prompt on close

§ Microsoft integration

  4 Smart Tags Support

  4 Updated viewers / filters for Office 2003

Lotus Notes

Are you sure you want to exit from Notes Client?

Yes   No

☐ In future, exit without prompting

If you choose to turn this prompting off, you can enable it again through User Preferences. This is applicable for Notes Client, Designer and Administrator.

ⓘ ▾

Lotus Notes: Jeff Eisen
Send Mail
Open Address Book
Write New Memo
Inbox
Remove this Smart Tag
Smart Tag Options...
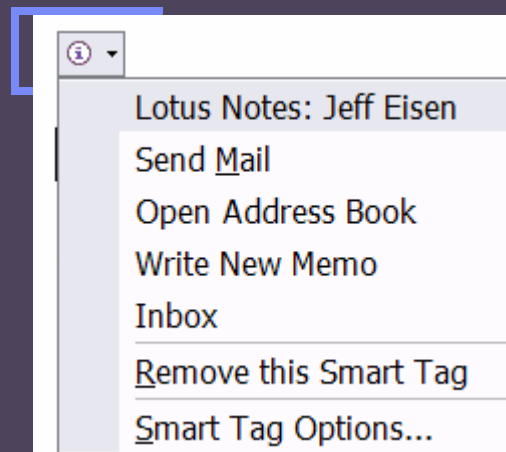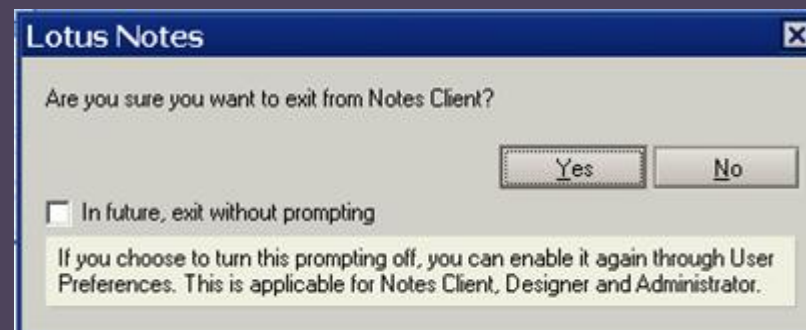
What's coming in Notes 7.0 *(continued)*

§ Smart Upgrade – more administrative controls, improved user interface, failover support, etc

§ Client Policy Lock-Down:

  4 Enforce settings pushed to the client desktops, end-users will not be able to change any settings such as:

  - Desktop (bookmarks, settings in the location documents, etc)
  - Archiving (on/off and where)
  - Security (ECL)

§ Mail Policies:

  4 Extension to Policy Based Management to control:

  - Mail preferences (online/offline)
  - Rules (server/client)

§ Support for DB2 data store

§ Support for running native Notes applications within the Workplace Client

§ *And more ….*

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J2EE options: Expanded Market

User Interface Framework

Access to mixed Services

Access to mixed Services

Notes	Portal

Collaborative Services

Additional Infrastructure for Collaborative Services

Mail and PIM	Realtime Collab	Doc Mgmt	...ow	. . .	Custom Apps

Infrastructure

Domino	Workplace Servers

DB2

2004-2005
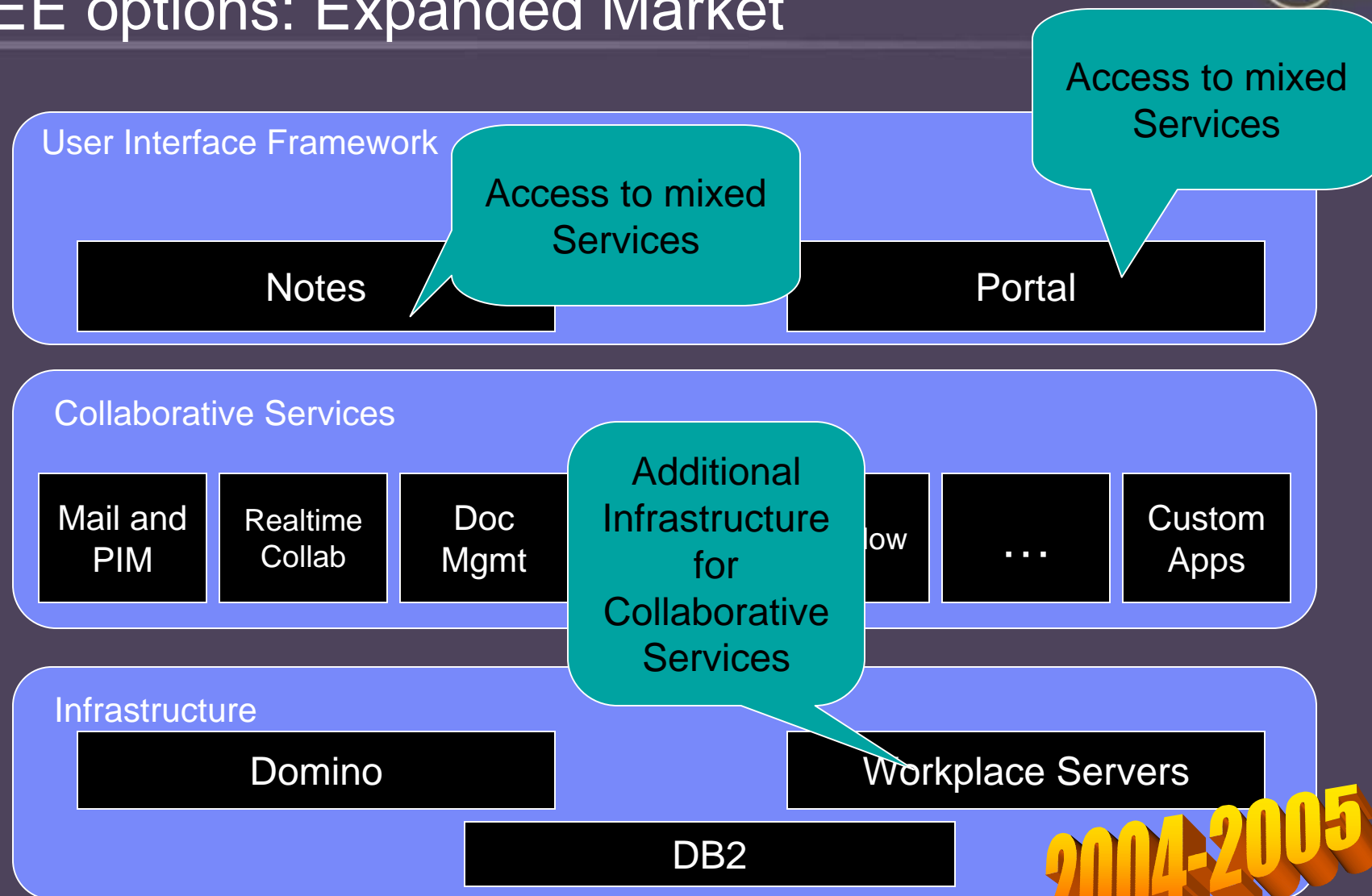
Notes 8: A Unified Environment

User Interface Framework

Workplace Client

Notes

Portal

Open and Expandable Client Architecture

Embedded Notes for Application Compatibility

Cross Platform Productivity Apps

Collaborative Services

| Mail and PIM | Realtime Collab | Doc Mgmt | Learning | Workflow | | |

Infrastructure

Domino

Workplace Servers

DB2

Lotusphere 2004

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2005-2006

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IBM Workplace Client -

File Edit View Actions Tools Help
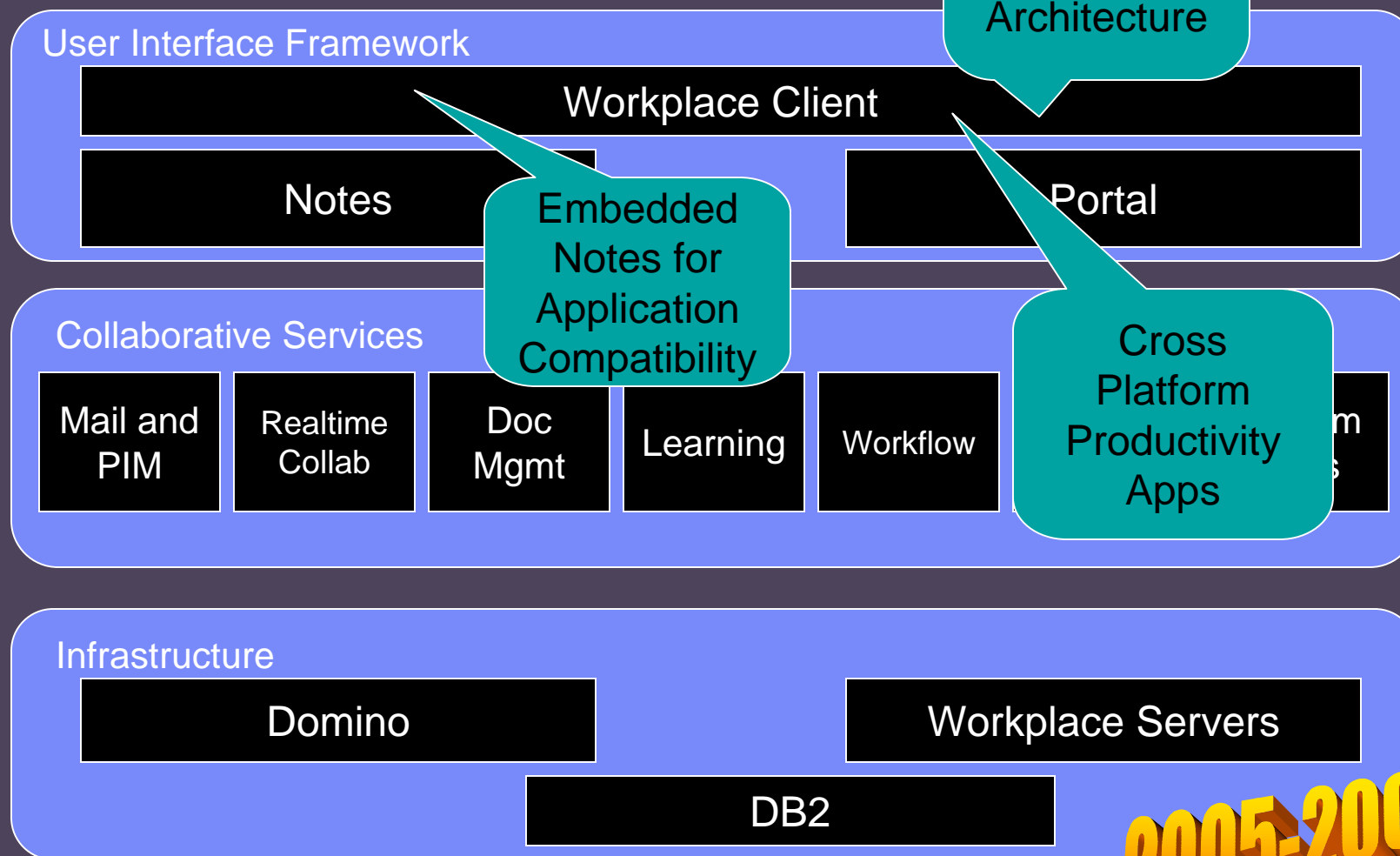
Search in: All Mail   Search for:

Messages
- Inbox
- Drafts
- Sent
- All Documents
- Trash
- Group Information
- HR Information
- Project Details

Documents
- Default
- Document Manager
  - MyFolder

Links
- Teamspaces Center
- Learning Center
- WebConference Center

Notes
- Customer Care
- Notes Discussion

Contacts
- Work (1)
  - RobTurner@lsserver1.w
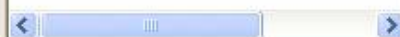
People Finder:

Inbox | Documents | I think we sh... | Calendar View | Customer ..

Edit Document | New Response | Cancel

Customer Care   **Delta Pacific Bank**
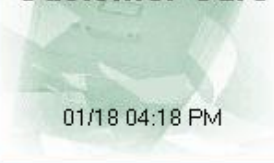
01/18 04:18 PM

Contact: **Tammy Jackson**
Category: **Finance**
Priority: **High**

▼ **Contact Information for Delta Pacific Bank**

Name
First name: Tammy
Middle name:
Last name: Jackson
Title: Miss
Suffix:

Phones
Office: 786.223.1212
Mobile: 786.397.3858
Fax:
Primary Backup:

▼ **Current Issue**

Delta Pacific Bank is having a problem with their monthly financial reporting
tool. They have set the end business day for the month to the 28th on all
months, but the tool resets to the calendar last day. They would like to
evaluate new solutions for this problem.

▼ **Issue History**

July 10, 2003 | August 22, 2003 | December 9, 2003 | January 5, 2004

Delta Pacific Bank is experiencing data corruption problems when creating

Calendar
‹ Monday 26 ›
⇔ Managers Meeting -- offsite
△ Sara's BDay

am
9:00

9:30

10:00 Customer briefing

10:30

11:00

11:30

12:00 Lunch w/ Steve
pm
12:30

‹ January 2004 ›
Su Mo Tu We Th Fr Sa
28 29 30 31 1 2 3
 4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30 31

Today is January 25, 2004

Getting There: Client Coexistence and Interoperability

Notes Client

Rich Client
- Interoperability with Domino and Workplace Messaging
- 1H '04

Outlook Client
- Feature rich Domino plug-in
- Open standards protocols support for J2EE server - 1H '04

Rich Clients

Lotus Workplace Platform

Domino **J2EE**

Reach / Thin Clients

Domino Web Access

Notes & DWA Portlets
- 6.5.1 – Q1 '04

LWM / Unified Portlet
- Consolidated UI for either platform Unified
- 2H '04)
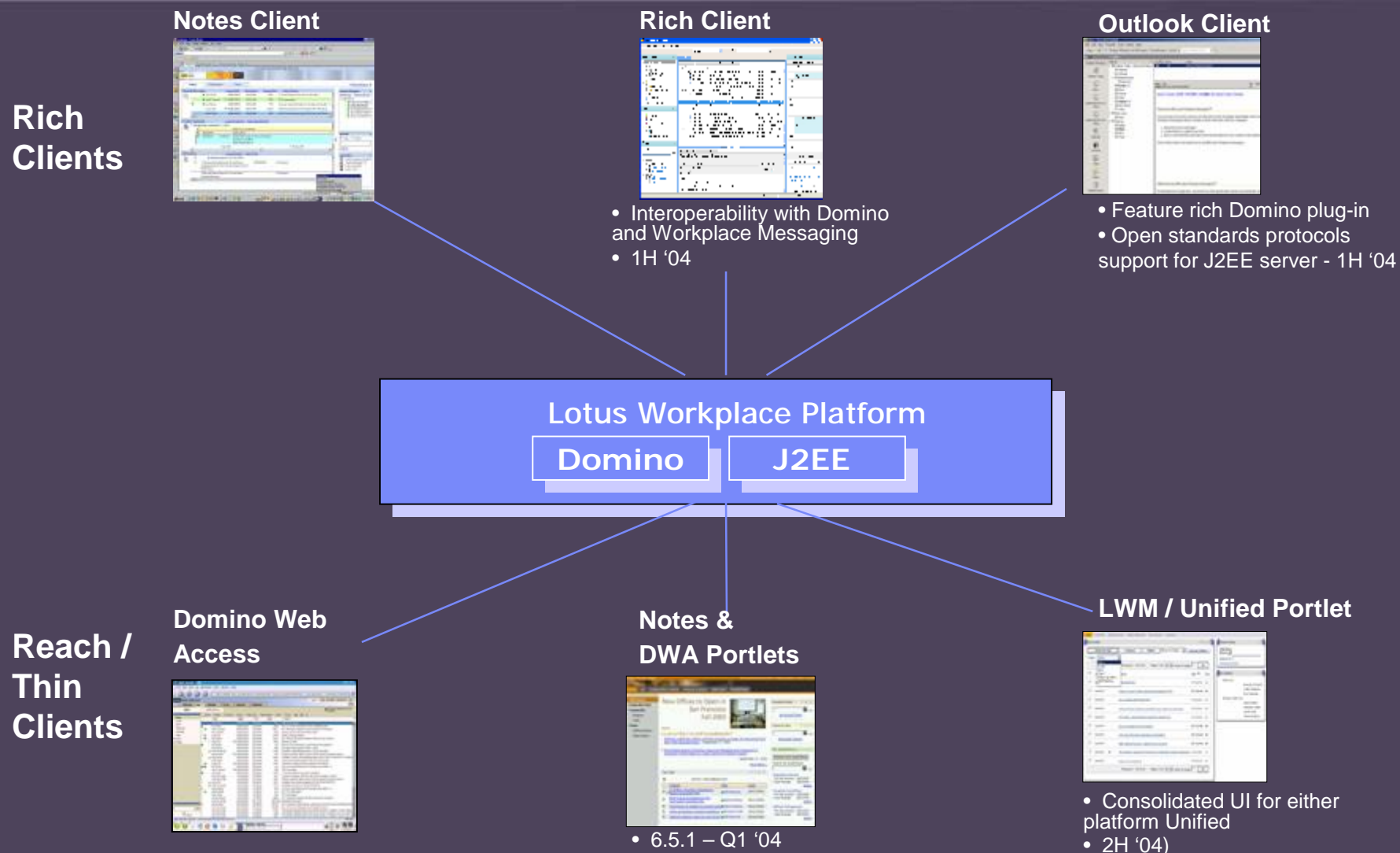
Investment Protection
Domino and LWM Coexistence and Interoperability Scenarios

Domino Infrastructure

LWM Cell

HTTP

Client HTTP Requests

1 **Messaging Services and Infrastructure**
Integrate at any layer of mail backbone
and hierarchy: SMTP, HTTP, POP3, IMAP

SMTP / MTA

Messaging Client

Application Server

Messaging Client

Application Server

Domino Directory

2 **Directory Support**
Domino LDAP Services can serve
both Workplace and Domino platforms

3 **Account Management**
Auto-Provision LWM Accounts from Domino
Single Sign-On
Between Domino and Workplace

Primary LDAP

NSF/DB2 Database

4 **Data Population**
Out-of-the-box utilities to import mail and
calendar data into Workplace from Exchange
and Domino

DB2

Summary

§ Continued annual releases
§ Continuing down the path we described last year
§ Both Notes and Domino are key components of Workplace

4 Domino extended products better integrated

4 IM, eMeetings, Document Management interoperate in Workplace

§ Have added key inter-operation deliverables
§ Will continue to expand those deliverables
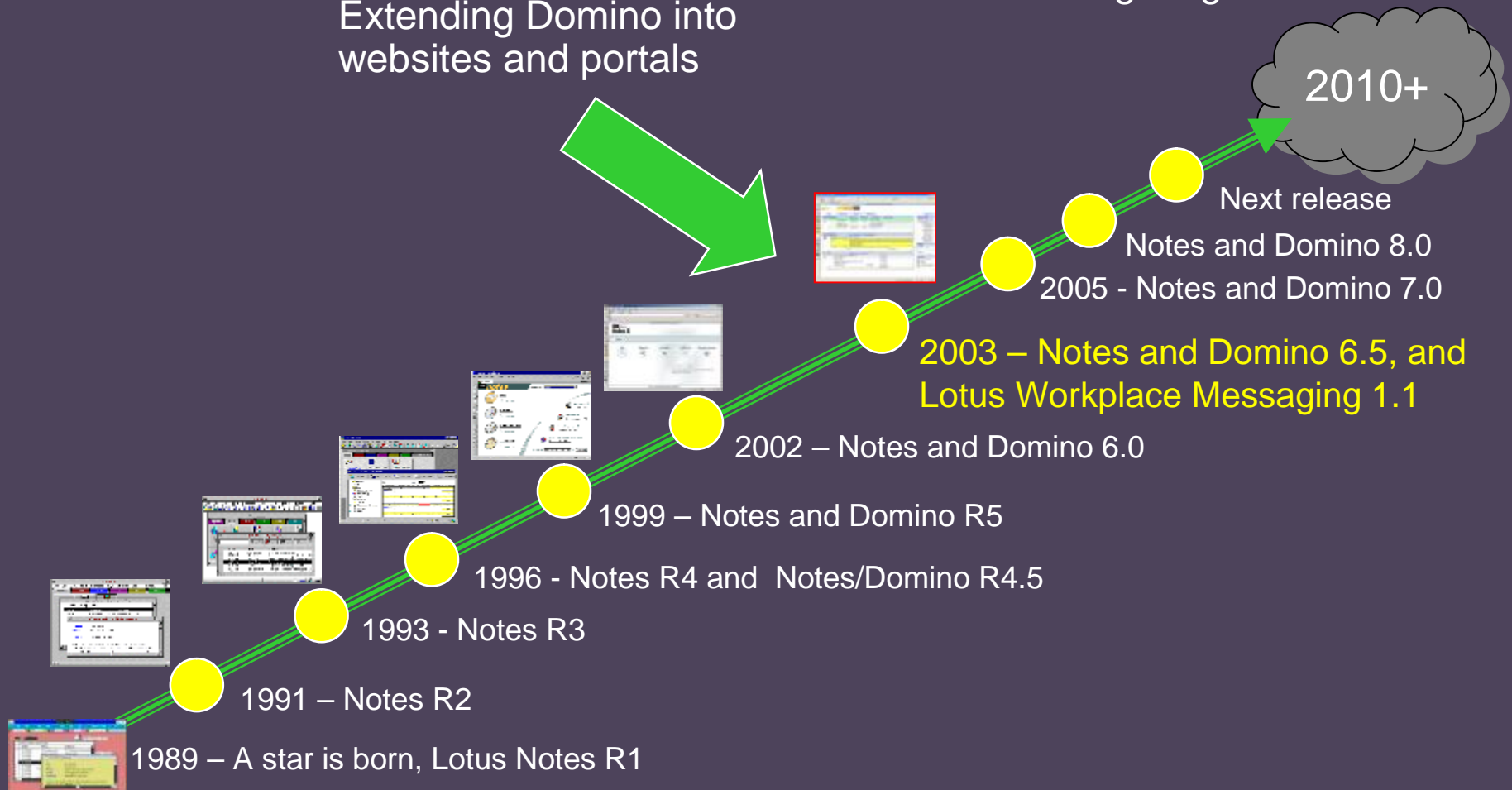
4 With Notes and Domino 7

4 With Notes and Domino 8

Lotus Notes and Domino 6.5

Best Enterprise Collaboration Platform for 2003

InfoWorld

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IBM's Leadership In Messaging and Collaboration

…continuing long into the future

Extending Domino into websites and portals

2010+

Next release
Notes and Domino 8.0

2005 - Notes and Domino 7.0

2003 – Notes and Domino 6.5, and Lotus Workplace Messaging 1.1

2002 – Notes and Domino 6.0

1999 – Notes and Domino R5

1996 - Notes R4 and Notes/Domino R4.5

1993 - Notes R3

1991 – Notes R2

1989 – A star is born, Lotus Notes R1

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§ Thank You !

QUESTIONS ?

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