



Overview of Lotus Software, What's New

Lotus software

Mike Gordon

iSeries Advanced Technical Services



@business on demand software

Agenda

- Where we are with Domino on iSeries
- Compatibility: What works with what?
- Notes Client Strategy
- Notes and Domino 6.5
- Lotus Instant Messaging and Web Conferencing (Sametime 3.0 and Sametime 3.1)
- Lotus Team WorkPlace (formerly QuickPlace)
- Enhancements to Domino Administration
- Enhancements with OS/400 V5R2 and Domino 6
- Domino Application Roadmap



OS/400 Support for Domino Releases

	OS/400 V5R2 Model 890	OS/400 V5R2 Models prior to 890	OS/400 V5R1	OS/400 V4R5**
Domino 6.5	X	X	X	not supported
Domino 6.0.3	X	X	X	not supported
Domino 6.0.2	X	X	X	not supported
Domino 6.0.1	X	X	X	not supported
Domino 6.0	X	X	X	not supported
Domino 5.0.12	X	X	X	not supported
Domino 5.0.11	X	X	X	X**
Domino 5.0.10	X	X	X	X**
Domino 5.0.9a	X	X	X	X**
Domino 5.0.9	X	X	X	X**
Domino 5.0.8	not supported	X	X	X**
Domino 5.0.7	not supported	not supported	X	X**
Domino 5.0.6	not supported	not supported	(5.0.6a.01)	X**
Domino 5.0.5	not supported	not supported	(5.0.5.02)	X**

Notes

- ▶ **OS/400 V4R5 is no longer supported. Customers should make plans to move to a currently supported release of OS/400.
- ▶ Based on current plan, V5R2 is the last OS/400 release that will support Domino 5.0.x. Future OS/400 releases will only support Domino 6.0.x and Domino 6.5.x.



OS/400 Support for Other Lotus Software

	OS/400 V5R2 Model 890	OS/400 V5R2 Models prior to 890	OS/400 V5R1	OS/400 V4R5**
Sametime 3.1	X	X	X*	not supported
Sametime 3.0a	X	X	X*	not supported
Sametime 3.0	X	X	X*	not supported
Sametime 2.5	not supported	X	X*	X**
QuickPlace 3.0.1	X	X	X	not supported
QuickPlace 3.0	X	X	X	not supported
QuickPlace 2.0.8	not supported	X	X	X**
Domino Fax for iSeries	X	X	X	X**
Domino.Doc 3.1 with 3.5 client	X	X	X	X**

- Notes:

- ▶ *DSDs require V5R1 with enhanced DSD-Java support or V5R2.
- ▶ **OS/400 V4R5 is no longer supported.



Domino Support for Other Lotus Software

What works and what doesn't when Domino and other Lotus software products are running in the same OS/400 LPAR

	6.5	6.0.3	6.0.2	6.0.1	6.0	5.0.12	5.0.11	5.0.10	5.0.9	5.0.8
ST 3.1	Yes	Yes	Yes	No	No	Yes (2)	No	No	No	No
ST 3.0a	No	Yes	Yes	Yes (1)	No	Yes (2,3)	Yes	Yes	No	No
ST 3.0	No	No	No	No	No	Yes (3)	Yes	Yes	No	No
ST 2.5	No	No	No	No	No	Yes (3,4)	Yes (4)	Yes (4)	Yes	Yes
QP 3.0.1	No	No	No	No	No	Yes (2)	No	No	No	No
QP 3.0	No	No	No	No	No	No	Yes (5)	Yes	No	No
QP 2.0.8	No	No	No	No	No	No	No	Yes (5)	No	Yes
Fax	Yes (6)	Yes (6)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Doc 3.1 w/ 3.5 client	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

- Notes:
- 1) Sametime 3.0a requires Critical Fix Packs for Domino 6.0.1.
See ibm.com/servers/eserver/iseriessametime/new30a.html
- 2) To run in the same LPAR, you need Domino 5.0.12, Sametime 3.1 or 3.0a, and QuickPlace 3.0.1. (Another choice is Domino 5.0.10, Sametime 3.0a, and QuickPlace 3.0.)
- 3) The recommended Sametime version for Domino 5.0.12 is Sametime 3.1.
- 4) You must install hotfixes for Sametime. See ibm.com/support/docview.wss?uid=swg21085577
- 5) You must install hotfixes for Domino and /or QuickPlace. See ibm.com/servers/eserver/iseriessametime/quickplace/sysreq.htm
- (6) Domino Fax for iSeries update is required. See ibm.com/eserver/iseriessametime/domino/related/fxd/faxupdates.htm

Lotus Collaboration with Domino on iSeries



Lotus® iSeries

Lotus Enterprise
Integration

Sametime



IBM Lotus Team Workplace (QuickPlace)

Lotus Workflow



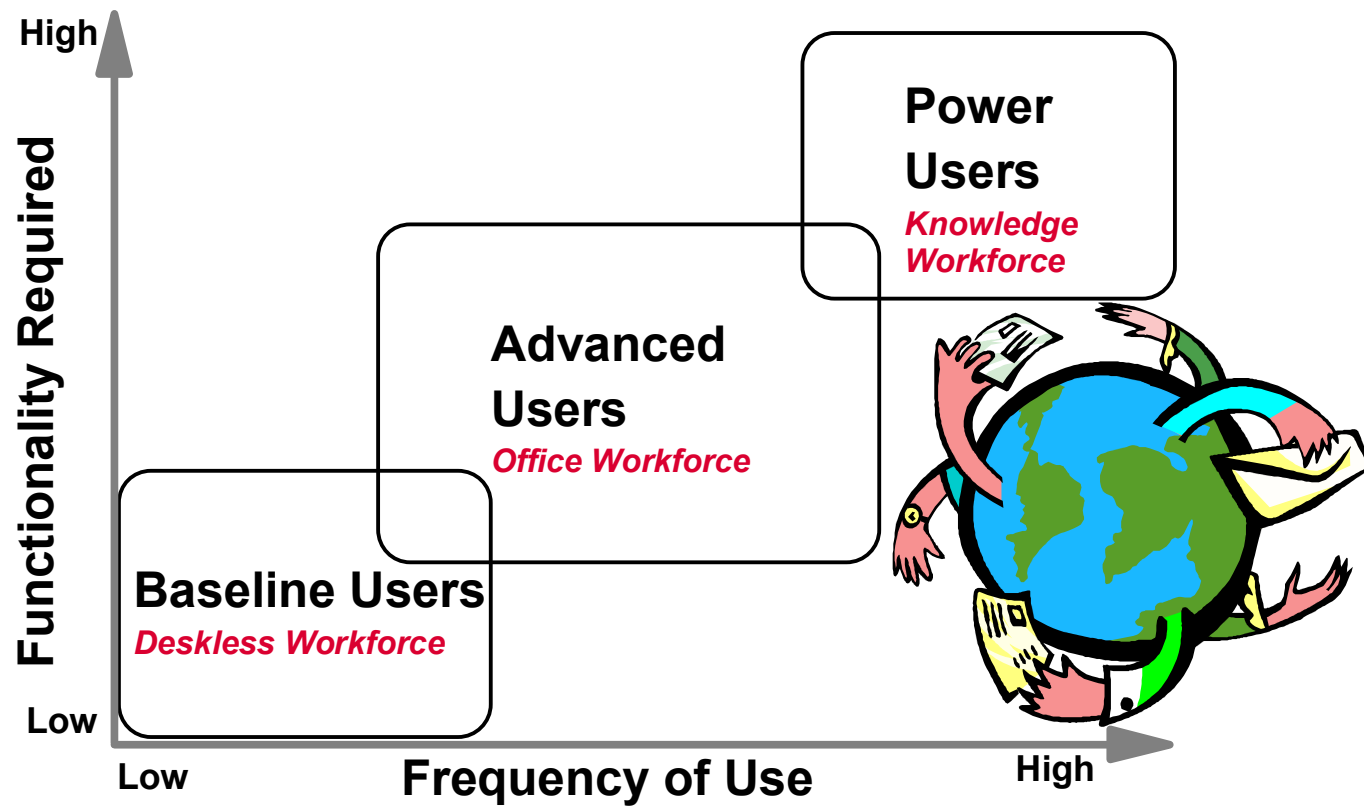
Domino.Doc



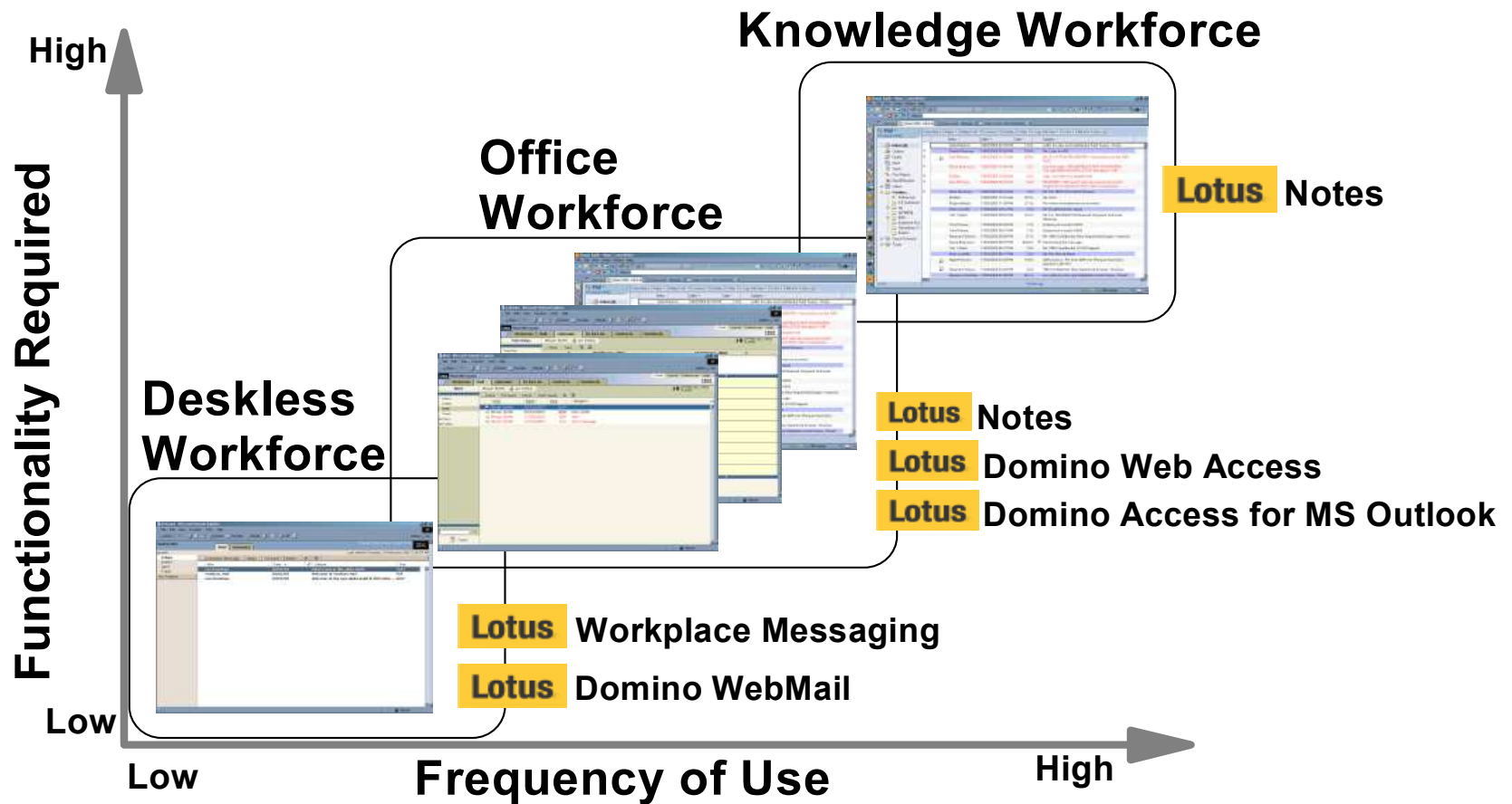
Integrated Domino Fax for iSeries



Messaging Users within Organization



Industry-leading Comprehensive Portfolio





Client Changes from 6.0 to 6.5

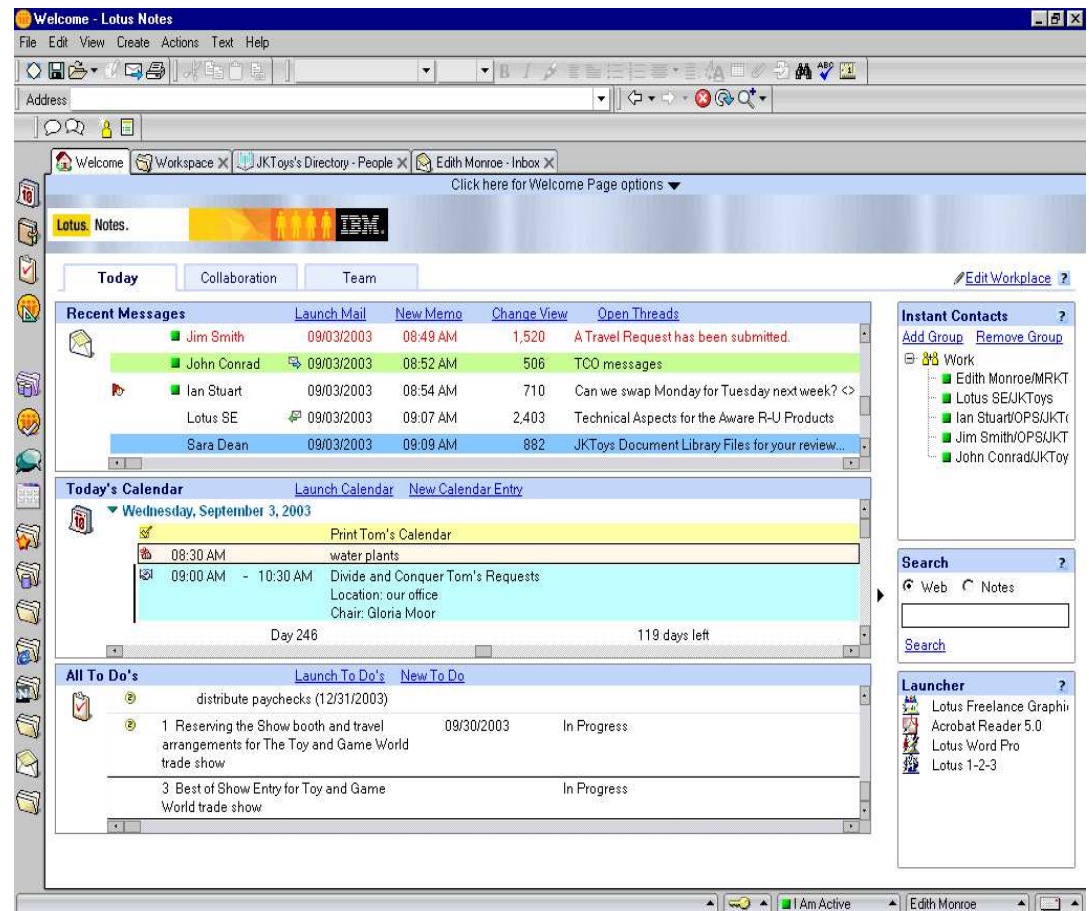
Lotus software



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Lotus Workplace for Notes welcome page

- Single Sign-On
- View and manage online status
- Presence awareness through online status indicators
- Inbox view
- To, From and CC fields on received and sent messages
- Right-click menu support
- Initiate chat sessions
- Instant Messaging Contact List
- Add Instant Messaging integration to custom Notes-based applications



Domino Web Access (formerly iNotes) 6.0.2

- Compressing functional gap compared to Lotus Notes
- Mail Enhancements
 - ▶ Specify Domino Web Access as default mail program
 - ▶ Differentiate between two people with the same name
 - ▶ Support for on-line instant messaging (Sametime) meetings
 - ▶ Ability to create tables and horizontal rules
 - ▶ Drag-and-drop capability for mail and calendar entries
 - ▶ Usage enhancements
 - ▶ Improved spell-checking interface
 - ▶ Bi-directional language and multilingual template support
 - ▶ Context-sensitive "follow me" help, and an NSF-based help system
- C&S enhancements
- **Running on a Linux server (with 6.0.1) or other platform**

The screenshot displays the Lotus Domino Web Access interface in a Microsoft Internet Explorer browser window. The browser title is "Group Calendar - Microsoft Internet Explorer". The address bar shows a URL: [http://www.domino6.iktoy.com/mail/gmoor.nsf/\(GroupCalendarFolder\)/CC97868F126F041585256D2500649704/?OpenDocument&PreselFields=](http://www.domino6.iktoy.com/mail/gmoor.nsf/(GroupCalendarFolder)/CC97868F126F041585256D2500649704/?OpenDocument&PreselFields=). The interface includes a navigation bar with tabs for "Welcome", "Mail", "Calendar", "To Do", "Contacts", and "Notebook". The "Calendar" tab is active, showing a weekly view for Wednesday, May 14, 2003. The calendar displays entries for "Edith Monroe" and "Gloria Moor" with various events like "Daily up", "lunch with", and "order luf". A legend below the calendar identifies event types: Meeting (blue), Appointment (purple), All Day Event (orange), Anniversary (yellow), and Reminder (red). The "Mail" tab is also visible, showing an inbox for "Gloria Moor" with a list of messages, including replies from Jill Jones and Edith Monroe. The status bar at the bottom indicates "Number of selected entries=1".

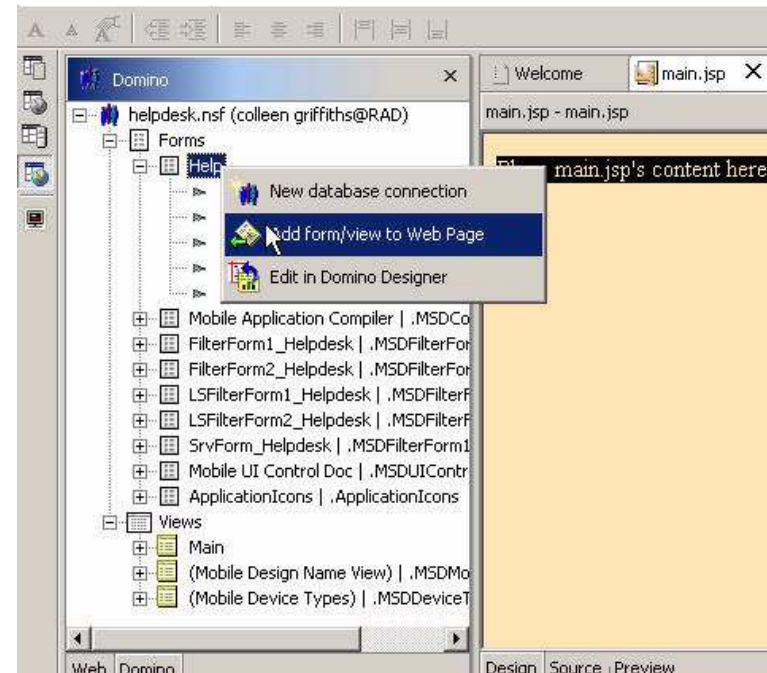
IBM Lotus Domino Access for Microsoft Outlook: New architecture/open Internet standards

- Officially released with Notes Domino 6.0.2
 - ▶ Higher scalability and lower resource use
 - ▶ Local PST file
 - ▶ Utilizes Microsoft Outlook iCAL support
 - ▶ Domino 6
 - ▶ Support for Outlook 2000 and 2002 clients
 - ▶ Support for Outlook 98 discontinued
 - ▶ Personal Information Management functions
 - Pocket PC, PALM OS
- New features
 - ▶ DOLS – client configuration
 - ▶ Server directory lookup
 - ▶ Mail delegation using single profile
 - ▶ Out-of-office agent
 - ▶ Password management
- Lotus Domino 5.5 – 6.0.1
 - ▶ Need to upgrade to 6.0.2
 - ▶ All SPR's addressed in 6.0.2 and later



Lotus Domino Toolkit for WebSphere Studio

- What it is?
 - ▶ Plugin to WebSphere Studio Site Developer v5 (tool), requires Domino 6 and WebSphere Application Server for application runtime (middleware)
- What it does
 - ▶ Enables developers to view contents of an NSF within WebSphere Studio and use forms, views, columns, fields and agents from Domino apps in new JSPs they create in WebSphere Studio
- Delivered as part of Domino Designer 6.0.2
- "Bridging" technology for Domino applications
- Empowers Domino developers to "test the J2EE waters" by leveraging existing development assets
- Application reuse helps drive down costs





Notes Domino 6.5

Lotus software



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Building on Themes

- Total Cost of Ownership
- Reliability
- Empowered Productivity
- Reusability
- Flexibility
- Security
- *Expand Reach to SMB*

IBM Lotus Notes/Domino 6.5 deliver **proven world-class messaging and collaboration**, within a rich **workplace** experience that **brings together** all elements necessary to **maximize collaboration and human interaction**



Notes/Domino 6.5: Leverage TCO with User Productivity

- Premier e-mail experience
 - ▶ Lotus Notes
 - ▶ Domino Web Access (formerly iNotes Web Access)
 - ▶ Domino Access for Microsoft Outlook (formerly iNotes Access for Microsoft Outlook)
- Integration
- Mobile and wireless
- Platforms



IBM Lotus Notes Client 6.5: Productivity and Usability

- Improved product integration
 - ▶ Sametime integration
 - ▶ Export views to CSV
- Productivity
 - Customizable workplace
 - Follow up on email
 - Replied to and/or forwarded flags
 - Junk mail handling
 - QuickRules
 - Unread email view
- Usability
 - Rename a resource
 - Drag and drop between inbox, calendar and todo
 - Print emails without distribution list
- Set Notes as default email client



Demo Mail File - Inbox - Lotus Notes

File Edit View Create Actions Window Help

Welcome Demo Mail File - Inbox X

Mail for Alan Lepofsky

New Memo Reply Reply to All Forward Delete Follow Up Folder Copy Into New Chat Tools View Unread

Who	Date	Time	Size	Subject
Diana Ermini	01/25/2003	11:59 PM	910	ND6 Early Deployment Customer Success Stories
Rich Bernardo	01/25/2003	09:04 PM	1,994	Final Details for Opening Keynote Demo
Jill Jones	01/24/2003	03:58 PM	27,725	How the Notes client easily beats Outlook
Jeanette Horan	01/24/2003	12:19 P		
Gary Devendorf	01/24/2003	10:40 A		
Heidi Votaw	01/24/2003	10:27 A		
Stephen Londergan	01/24/2003	10:07 A		
Mike Shamrell	01/24/2003	10:07 A		
Penny Scharfman	01/24/2003	10:07 A		
Steve Preston	01/23/2003	03:57 P		
Colm Eliet	01/23/2003	03:57 P		
Martha Hoyt	01/23/2003	03:56 P		
Arthur Fontaine	01/23/2003	12:21 P		
Dean Marsh	01/23/2003	12:19 P		
Jeremy Dies	01/23/2003	10:07 A		
Ruth Merkur	01/22/2003	03:58 P		
Mark Lepofsky	01/22/2003	03:58 PM	927	Be aware when crossing the border
Alex Hatzivassilis	01/22/2003	03:58 PM	1,036	IBM Advertising, the latest and greatest commercial
Bubby Jean	01/22/2003	03:58 PM	911	Latest Family Gossip
Kris Brewer	01/22/2003	01:54 PM	914	What time is volleyball this weekend?

Follow Up

Remove Mark

When	Who
05/01	Gary De
05/02	Dean M
05/07	Martha
	Alex Ha

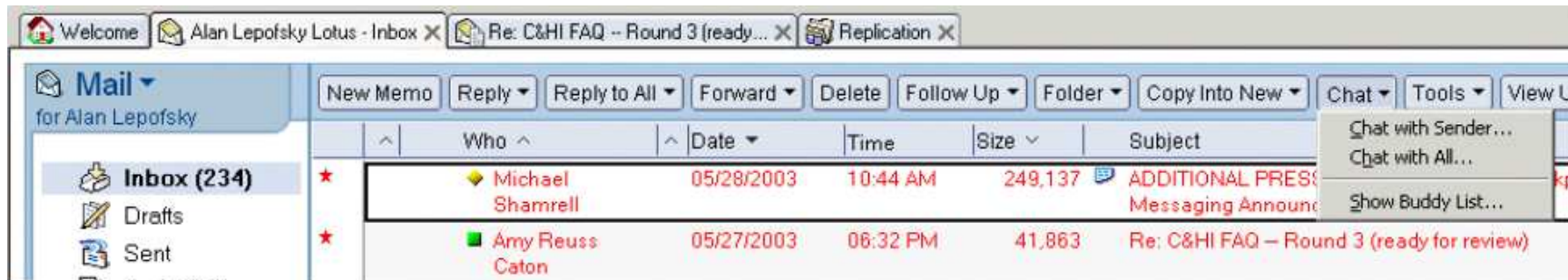
Local Preview

I am active 1. Lotus

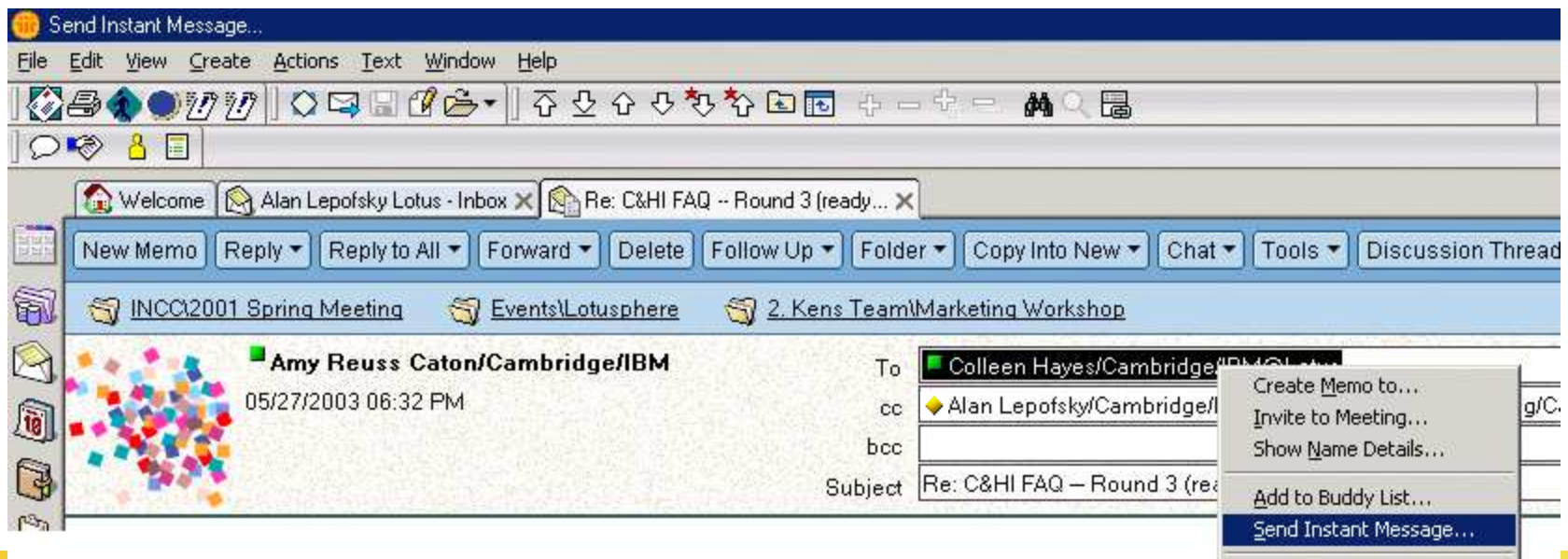
- Instant Messaging and Awareness Integration
- Reply/Forward Indicators
- Follow Up (3 priorities)
- View Unread / View All
- Quick Rules
- Block Sender / Junk Mail

IBM Instant Messaging Integration

Awareness integration at the view/folder level...

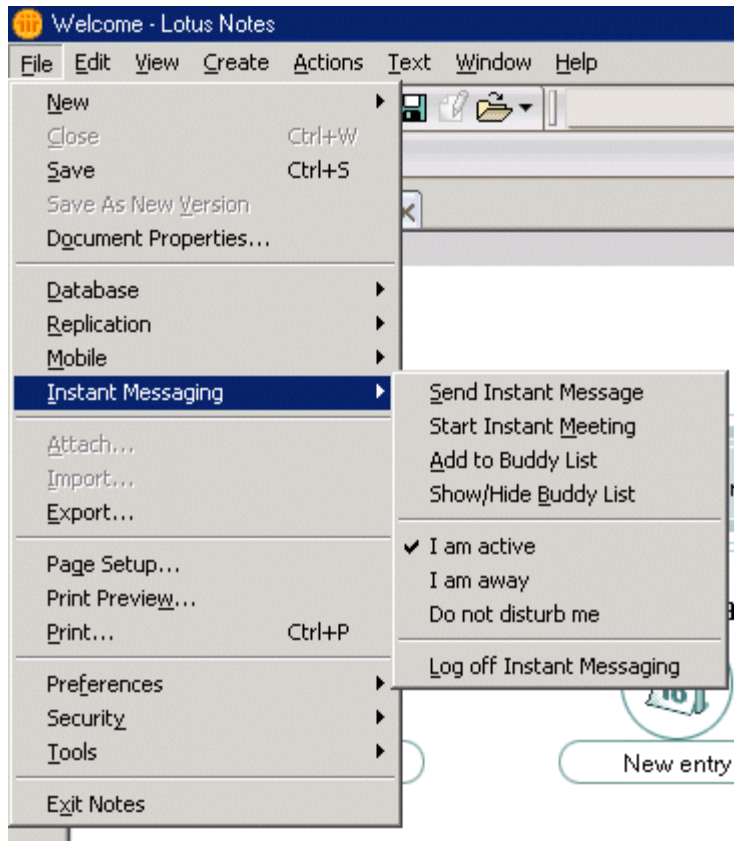


Awareness integration at the form level...



IBM Instant Messaging Integration

Instant Messaging Menu Items



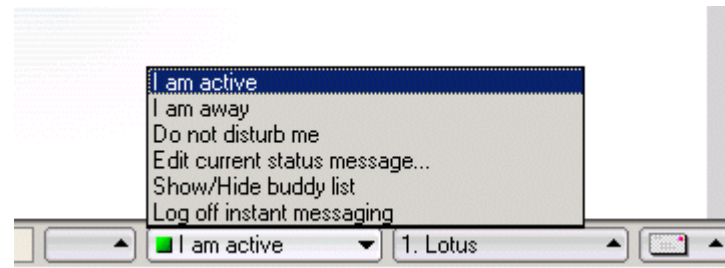
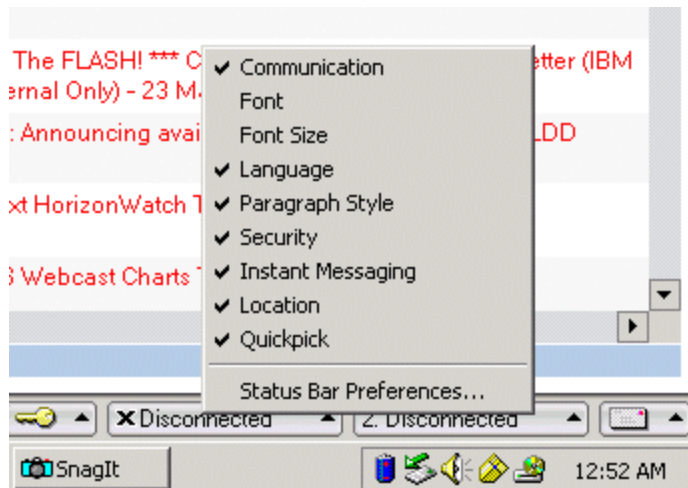
Instant Messaging Toolbar



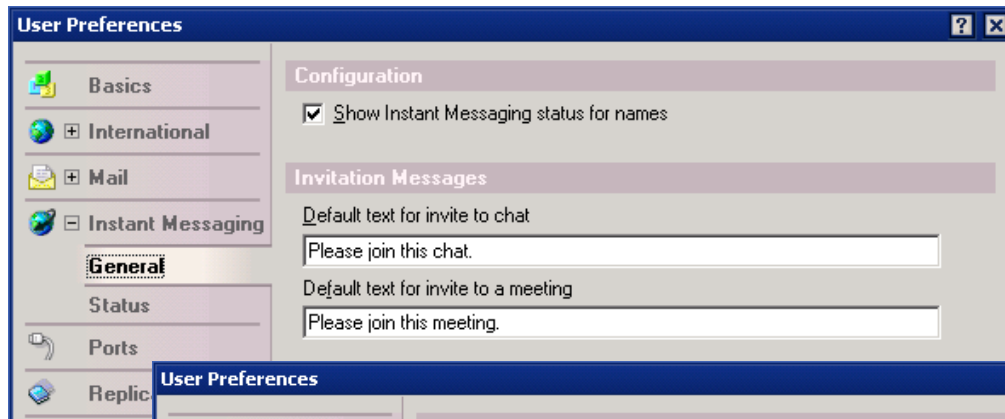
- Send Instant Message
- Start Instant Meeting
- Add to Buddy List
- Show Hide Buddy List

IBM Instant Messaging Integration

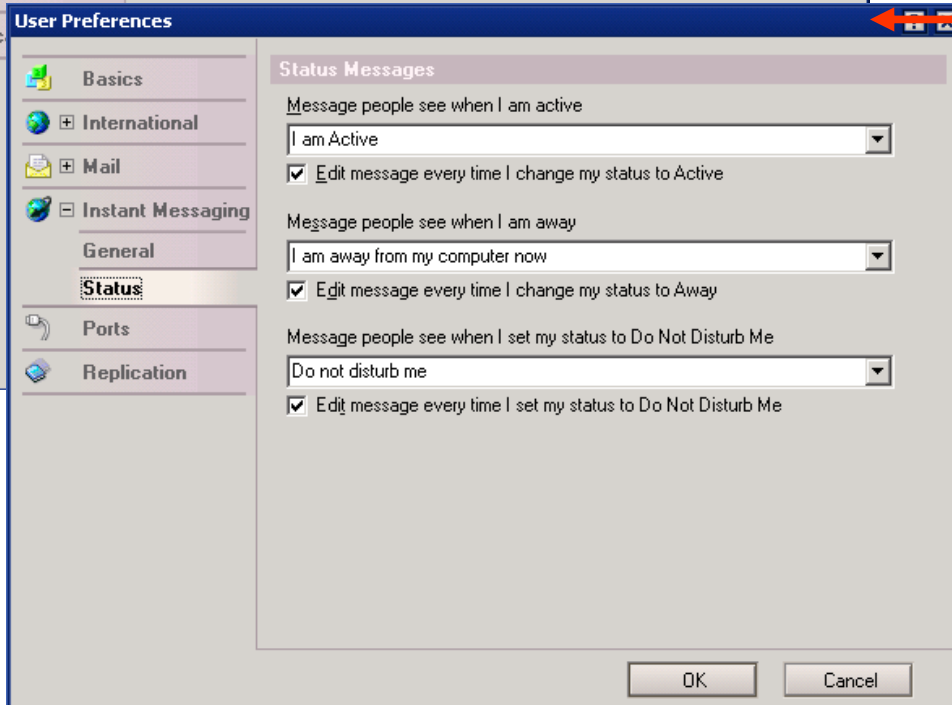
Instant Messaging Status Bar



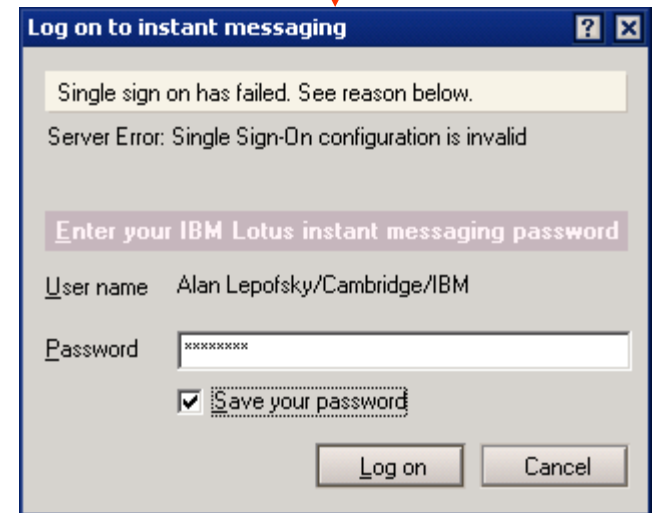
IBM Instant Messaging Integration

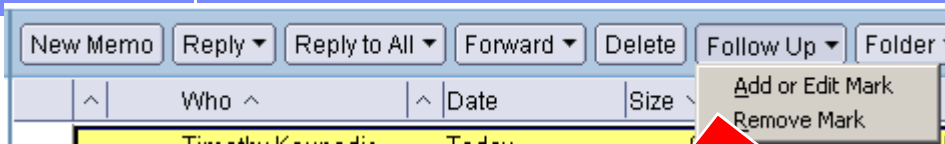


Instant Messaging User Preferences



Single Sign-On





Mark for Follow Up

Basic Follow Up Settings

1 Document(s) will be marked for Follow Up

Importance of this Follow Up action:

Urgent priority
 Normal priority
 Low priority

Follow Up by taking the following action

Follow Up date: 04/30/2003 16 Follow Up time: 11:00 AM

Remove from Inbox

Follow Up Alarm Settings

In order to set an alarm, you must enter a Follow Up date and time.

Set an alarm on this message

Alarm will go off: 15 Minute(s) Before

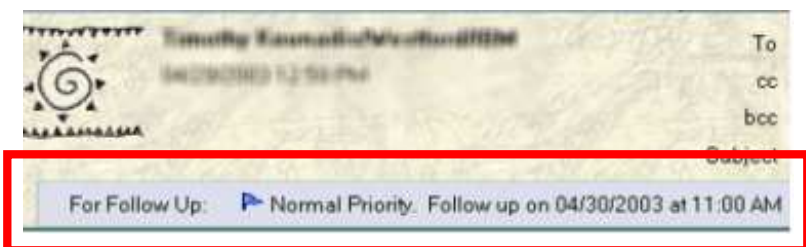
When alarm goes off, in addition to display of Alarm Message Box

Play sound
 Send mail notification with subject

OK
Cancel

	Who ^	Date	Size	Subject
	Alan Lepofsky	Today	2,639	test for follow up
	Alan Lepofsky	Today	2,749	test for follow up
	Alan Lepofsky	Today	2,853	test for follow up

- From the Inbox, a user can flag a message to be looked at on a later date via “Follow Up”.
- Flags for high, normal, or low priority
- Alarms can be set for a specific date and time, including sounds and email notifications
- Inbox can be sorted via follow priority flags
- At the document level, you can see the Follow Up information



QuickRule

	Who ^	Date	Size	Subject
	Timothy Koumellis	Today	9,810	Re: Ever
★	Luke Riano	Today	728,121	Partial of
★	Baselina Shelton	Today	11,958	Shelton
★	Michael Sharnell	Today	18,154	eWeek E
★	IBM MQ News	Today	20,851	IBM MQ

- Preferences...
- Out of Office...
- Archive Settings
- Mark/Unmark Document As Expired
- Add Sender to Address Book
- Create QuickRule from selected document**
- Block Mail from Sender
- Rules
- Memo - Using Stationery
- Mark/Unmark Document As Expired

Create QuickRule from Selected Document

After completing the QuickRule, you can edit or delete it from within the Rules folder. Select Tools, then Rules to view this and other rules.

For incoming messages that match

any of the following selected conditions

all of the following selected conditions

Conditions

When Sender contains eWEEK News <eNewsandViews@eletters1.ziffdavis.

When Domain contains eletters1.ziffdavis.com

When Subject contains Palm's Power Play; HP Nets Megadeals

Perform the following action

move to folder

change importance to

delete

OK Cancel

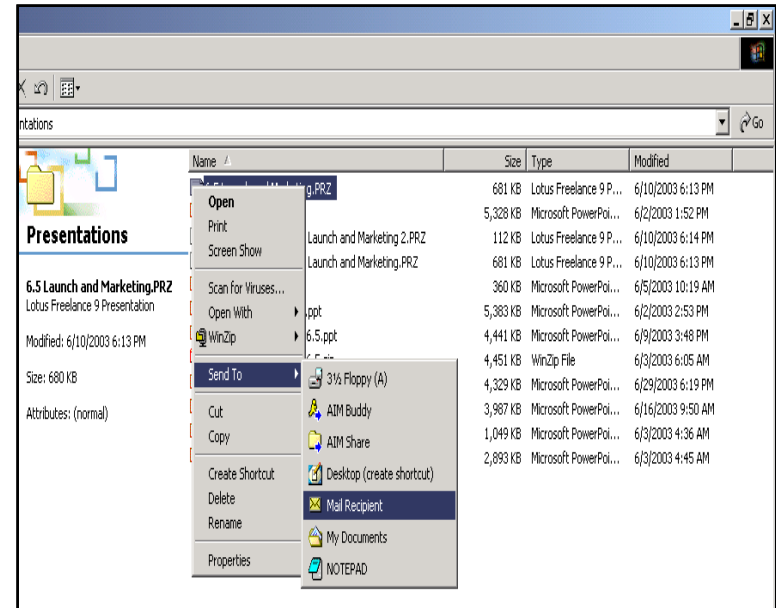
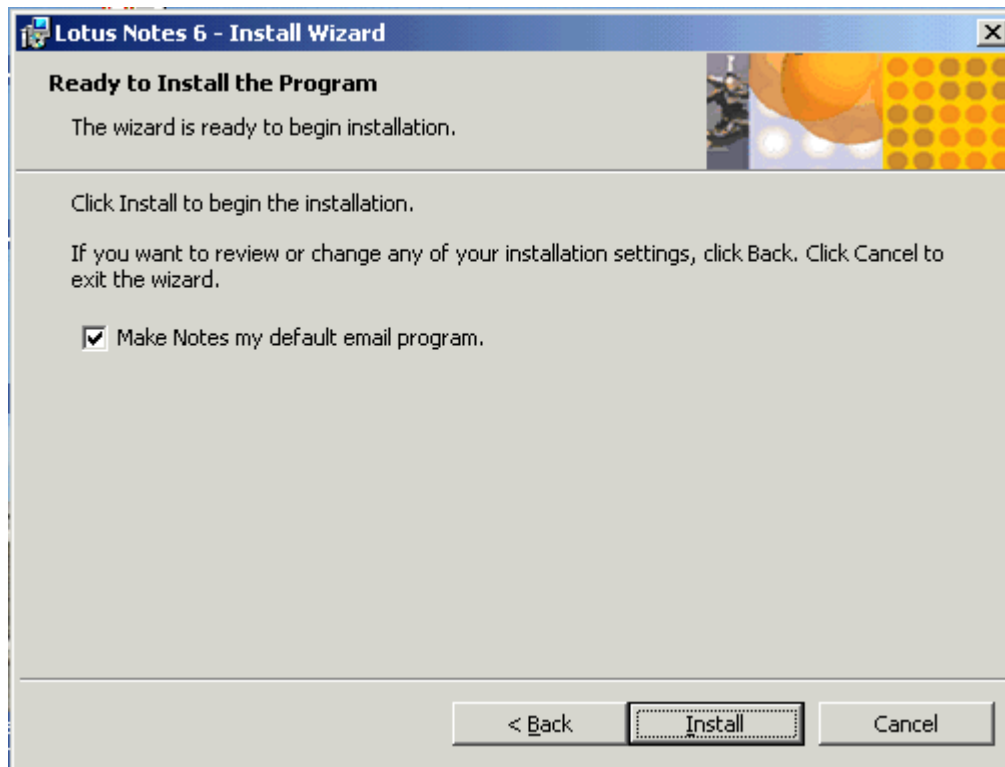
• QuickRules automate the creation of rules, by populating the sender, domain, and subject from the selected message for the user

The screenshot shows the Lotus Notes Mail interface for Alan Lepofsky. The main window displays an email from Ed Brill dated 04/21/2003. A 'Tools' menu is open, with 'Block Mail from Sender' selected. A 'Block Mail from Sender' dialog box is open, showing the sender 'Ed Brill/Cambridge/IBM' and a checkbox for 'Do not show this message again'. A 'Manage Block User List' dialog box is also open, showing a list of blocked senders including Ed Brill/Cambridge/IBM, Jeanette Barlow/Cambridge/IBM, and Thomas Gumz/Westford/IBM. A red arrow points from the 'Block Mail from Sender' dialog box to the 'Manage Block User List' dialog box.

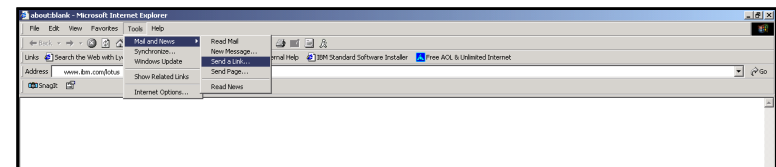
Tired of SPAM? If you want to automatically move emails from a specific sender to the Junk Mail folder, just choose Block Mail from the tools menu.



Setting up Default e-mail Program

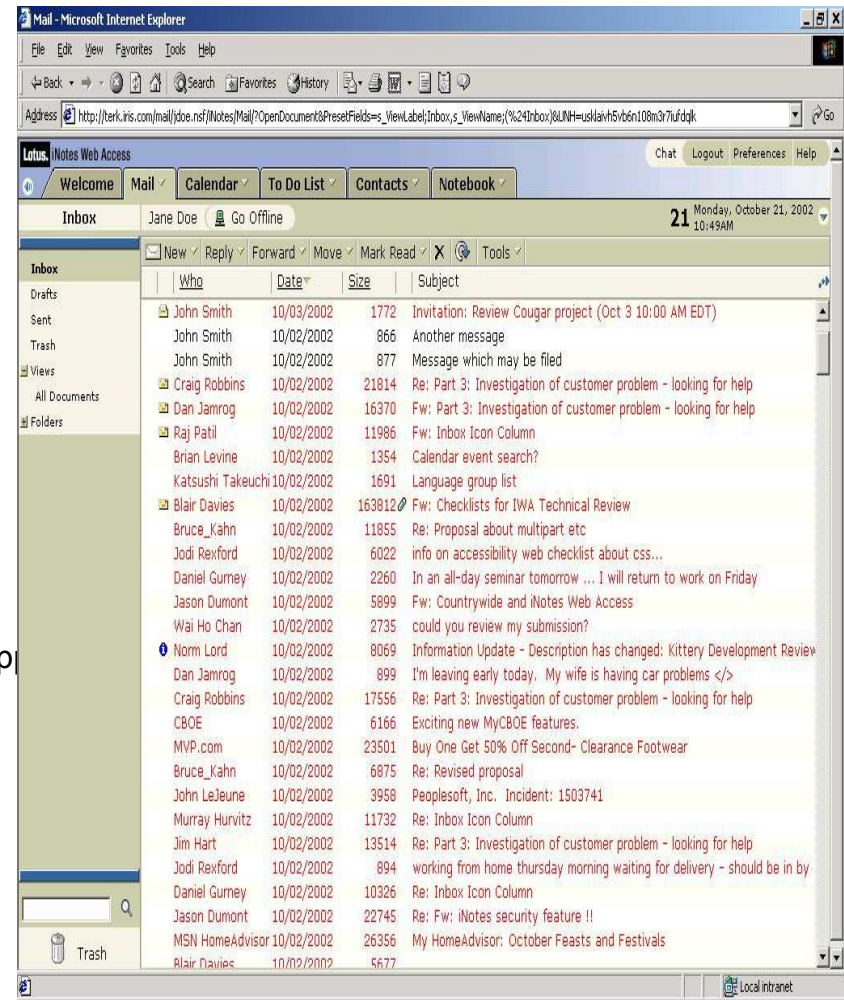


Integration with Windows mail operations helps increase productivity



IBM Lotus Domino Web Access 6.5: Improved functionality and user interface

- Performance/scalability improvements
 - ▶ Server side caching
 - ▶ Gzip compression (70% bandwidth reduction and better response time on slow networks)
- End user enhancements
 - ▶ Sametime integration
 - ▶ Webmail redirect
 - ▶ Follow up feature
 - ▶ Print multiple documents from the view
 - ▶ Print selected view
 - ▶ Send, sign and verify encrypted mail messages
 - ▶ Single click “copy into” and single step send-and-file buttons
 - ▶ To do enhancements
 - ▶ User ability to create and store archive locally with offline support
 - ▶ Print contacts and print while in edit mode
 - ▶ Multi-time time zone support
 - ▶ Block sender mail rule
 - ▶ Spelling and dictionary improvements
 - ▶ Support for user-defined dictionary
- Customization option for template
- Linux client support via Mozilla



IBM Lotus Domino Designer and LEI 6.5: Continued TCO and investment protection

- Designer
 - ▶ Lotus Domino Toolkit for WebSphere Studio (6.0.2)
- Lotus Enterprise Integration (LEI)
 - ▶ Installation to multiple Domino partitions
 - ▶ Performance improvements for Virtual documents
 - ▶ Read access control for LEI Connection and activity documents
 - ▶ Dependent activity report for LEI administrator
 - ▶ Expanded connectivity options for iSeries (Oracle, Informix, SQL Server, Sybase)
 - ▶ Lotus Connectors – ability to use Data Direct ODBC 4.1 drivers (wire protocol, adds XML and MySQL)



IBM WebSphere Everyplace Access for Lotus Domino

- Leverage IBM's Pervasive Computing Group's mobile technology
 - ▶ WEA 4.3.1 Email and PIM synchronization through SyncML standard
- Future features being planned
 - ▶ Over-the-air device configuration
 - ▶ Local cradle-based synchronization
 - ▶ Mobile access via WAP
 - ▶ SMS support
- Strategic direction for mobile access to applications
 - ▶ WebSphere Studio
 - ▶ WebSphere





Lotus Instant Messaging and Web Conferencing (formerly Sametime)

Lotus software



@business on demand software

Foundations of 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



Instant Messaging Awareness

Who is online?

- See if someone's online without leaving your computer's desktop
- No need to pick up the phone
- Instant access to the "best minds"
 - ▶ Key to closing a sale
- Create Personalized lists
- Embed awareness in Web pages, Domino applications or Windows applications
 - ▶ Key for customer retention...

Static User List

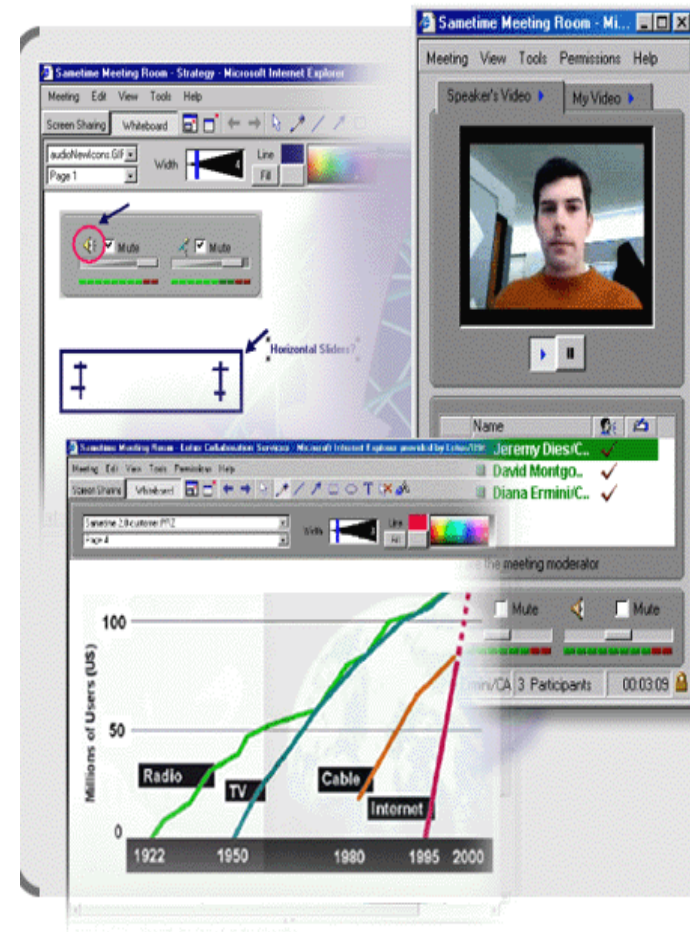
Users by Community

Users Associated with a Document



Collaboration

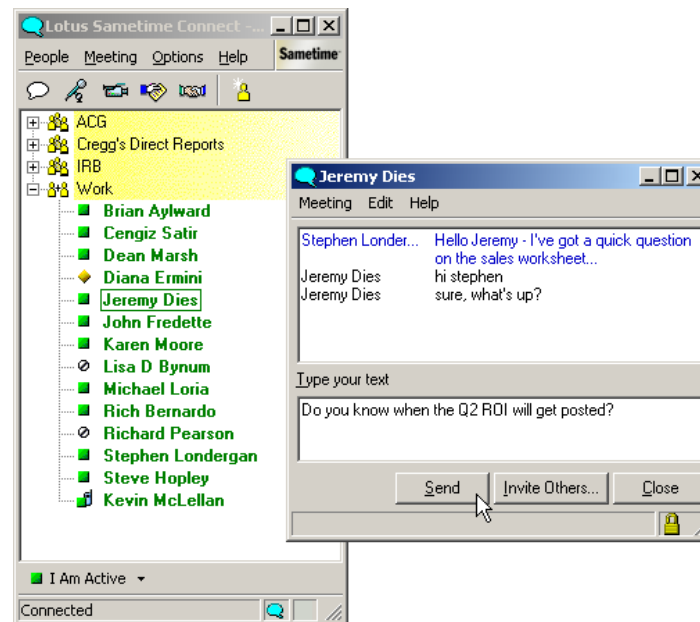
- No need to go down the hall to "show someone what you're talking about"
- Share ideas and collaborate in a whiteboard or application session
- "Drive" others' computers or markup a document in real time
- Either as part of your intranet or part of your extranet
- See coworkers without the cost



Sametime 3 -- What's New in Instant Messaging

Enhancements

- ▶ Sametime Gateway, based on the SIMPLE standard, for secure community-to-community instant messaging
- ▶ New Sametime toolkits turn any name "live"
- ▶ File transfer with administrative controls
- ▶ "Alert Me When" someone comes online
- ▶ Improved UI for the visually impaired
- ▶ Single sign-on support



Benefits

- ▶ Aid and seed the formation of communities
- ▶ Reduce telecommunication costs
- ▶ Reduce e-mail overload
- ▶ Increase base-level efficiency of individuals, teams, and entire organizations
- ▶ Integrates easily with existing infrastructure
- ▶ Real-time decision making
- ▶ Agility and flexibility

Sametime 3 -- What's New in Web Conferencing

Enhancements

- ▶ Schedule online meetings from Lotus Notes or Microsoft Outlook, or any application
- ▶ Attach files to the whiteboard during an online meeting
- ▶ Better monitoring and logging tools
- ▶ Single sign on support

Benefits

- ▶ Reduce travel burdens without sacrificing productivity
- ▶ Increased collaboration across geographically dispersed teams
- ▶ Provides the ability to get information to employees in a timely and low-cost manner

The screenshot displays a web conferencing interface within a Microsoft Internet Explorer browser window titled "Sametime Meeting Room - Sales Planning". The main content area shows a spreadsheet with columns for quarters (Q1, Q2, Q3, Q4) and a Total column. The data is as follows:

	Q1	Q2	Q3	Q4	Total
North	5,562	5,038	3,377	6,816	20,793
South	3,054	5,010	6,492	350	14,906
East	5,480	4,913	2,427	3,441	16,261
West	6,563	6,689	8,905	3,893	26,050
	20,659	21,651	21,200	14,500	78,010

The total value of 78,010 is circled in red. Below the spreadsheet is a pie chart with four segments, and a legend on the right identifies the segments as North, South, East, and West. The interface includes a toolbar at the top with options like Meeting, Edit, View, Tools, Permissions, and Help. On the right side, there is a "Speaker's Video" window showing a participant's video feed, and a list of participants: Jeremy Dies, Stephen Londerg., Steve Hapley, and Kevin McLellan. At the bottom, a chat window shows "Jeremy Dies joined the meeting" and a status bar indicates "0 | 2 Participants | 00:10:24".

What's new in Sametime 3.0 for iSeries

- Sametime 3.0 for iSeries allows you to run multiple Sametime servers within the same Logical Partition (LPAR) of an iSeries server.
- A new command, CHGLSTDOM, provides a simplified process for changing the IP address and host name of a Sametime server.
- Audio/Video components will automatically be added when you configure a Sametime server. These components can be disabled by using the Sametime Administration Tool.
- Users can save the edited contents of the whiteboard for use after a meeting has ended (Requires 5799-PTL)
- Nearly any file type can now be attached to a meeting and made available for the meeting participants. (Using new Sametime File Conversion Services)
- If you deploy Sametime and QuickPlace™ on the same iSeries server, you can now access chat functions through QuickPlace when Sametime and QuickPlace are installed on different Domino servers.



Maintenance Releases for Sametime on iSeries

- New with Sametime 3.0a /SP1
 - ▶ All of the fixes in the Windows Sametime 3.0 SP1
 - ▶ SIP Gateway & SIP connector
 - ▶ Runs on Domino 6.0.1!
 - ▶ Enhanced Sametime File Conversion Service
- New with Sametime 3.1
 - ▶ Bug fixes
 - ▶ TLS support for integrated SIP connector
 - ▶ Client support for the Sun 1.4.1 JDK
 - ▶ Enhanced Sametime File Conversion Services





Looking Team WorkPlace (formerly QuickPlace)

Lotus software



@business on demand software

Key Features of Team WorkPlace

- Simple Browser Based access to team workplaces
- Integration with Microsoft Office
- Team calendar
- Work Offline
- Integration with Lotus Instant Messaging and Web Conferencing



Lotus QuickPlace™

notes27 | Sign Out [Change Password](#)

Welcome

My Places

Create a Place:

PlaceTypes

Server Settings:

Select Time Zone

Help

Welcome to QuickPlace

QuickPlace is an award-winning, standards-based tool for team collaboration. You can easily create a secure, shared workspace for your team that will help you communicate, share information and resources, keep track of meetings and tasks, and deliver projects on time.

Software Requirements

QuickPlace Release	Domino Release	OS/400 Release
QuickPlace 3.0.1	5.0.12	V5R1 or V5R2
QuickPlace 3.0 with SA95930 and SA95913	5.0.11	V5R1 or V5R2
QuickPlace 3.0	5.0.10	V5R1 or V5R2
QuickPlace 2.08 with SA95466	5.0.10	V5R1 or V5R2
QuickPlace 2.0.8	5.0.8	V5R1 or V5R2



What's New in 3.0.1

- Administration Enhancements
 - ▶ Forced Refresh of Placetypes
 - ▶ Rooms inherit ACL of parent upon creation
 - ▶ New Commands with QPTOOL
 - updateMember
 - addMember
- Application Enhancements
 - ▶ Better integration with offline directory
 - ▶ Selective assortment of MyPlaces
 - ▶ More integration with LDAP directories for multiple delimiter format. IE Secondary "CN" Component.

▪ Note: Enhancements continue to be made for robustness for large scale deployments.

▪ 1Q04 QP will be compatible with Domino 6.5.1





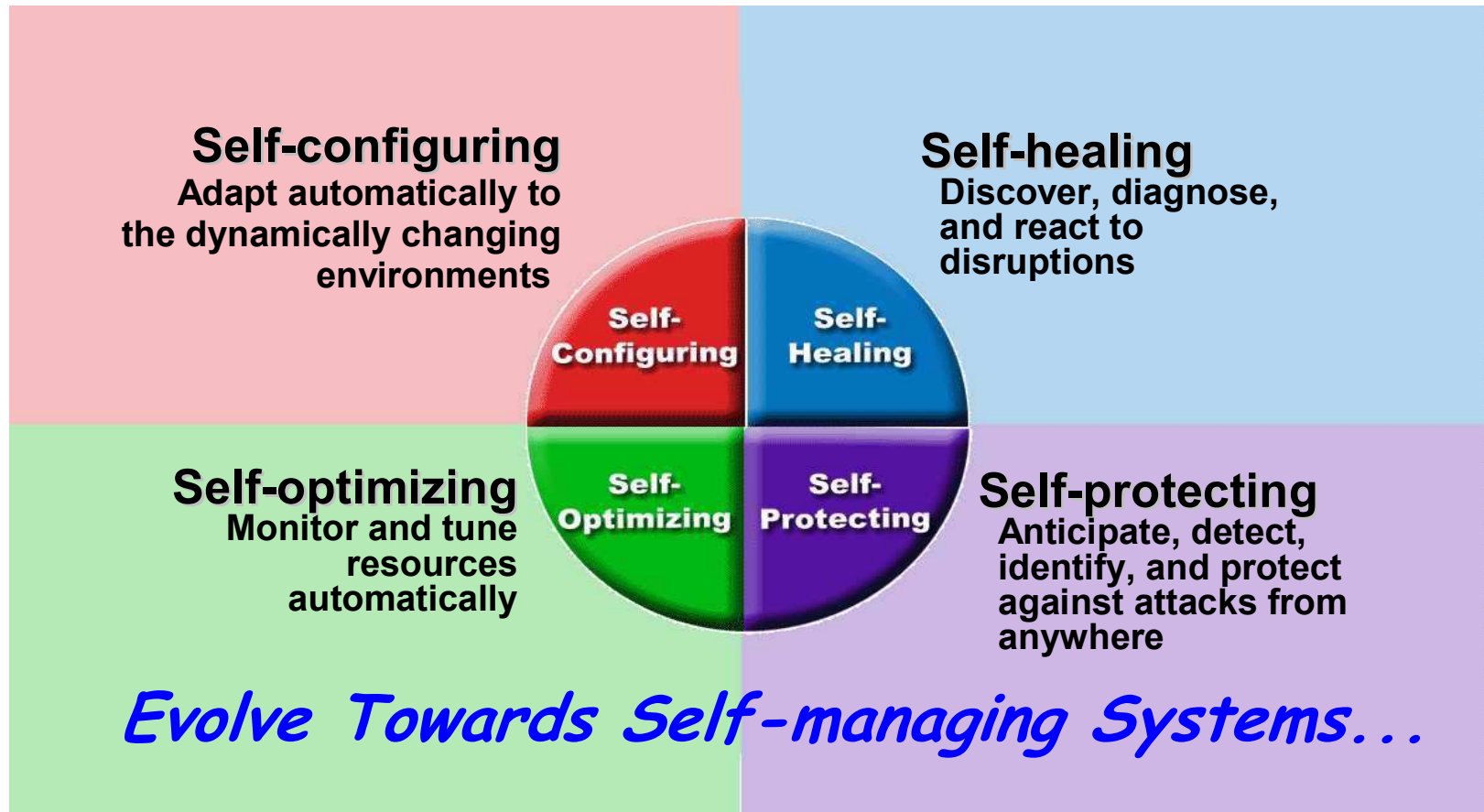
Enhancements to Domino Administration

Lotus software



@business on demand software

IBM Tivoli Analyzer helps Domino move to Autonomic Computing



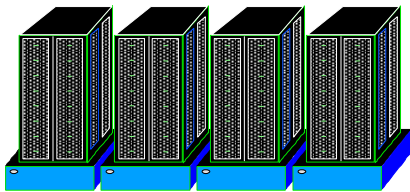
IBM Tivoli Analyzer for Lotus Domino

- Separate product available from Tivoli
 - ▶ No Tivoli Framework required
- Joint effort M&C Dev Westford & IBM Research
- Runs inside Domino 6 Administrator
- Activity Trends
- Server Health Monitoring



From Measure to Analysis to Action ...

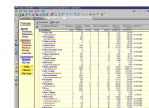
Data Generation and Historical Analysis



Activity Logging &
Activity Trends Collector



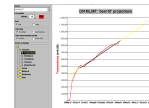
Visual Analysis Tools
Domino Administrator Client



Problem Determination



Comparison Analysis



Capacity Planning

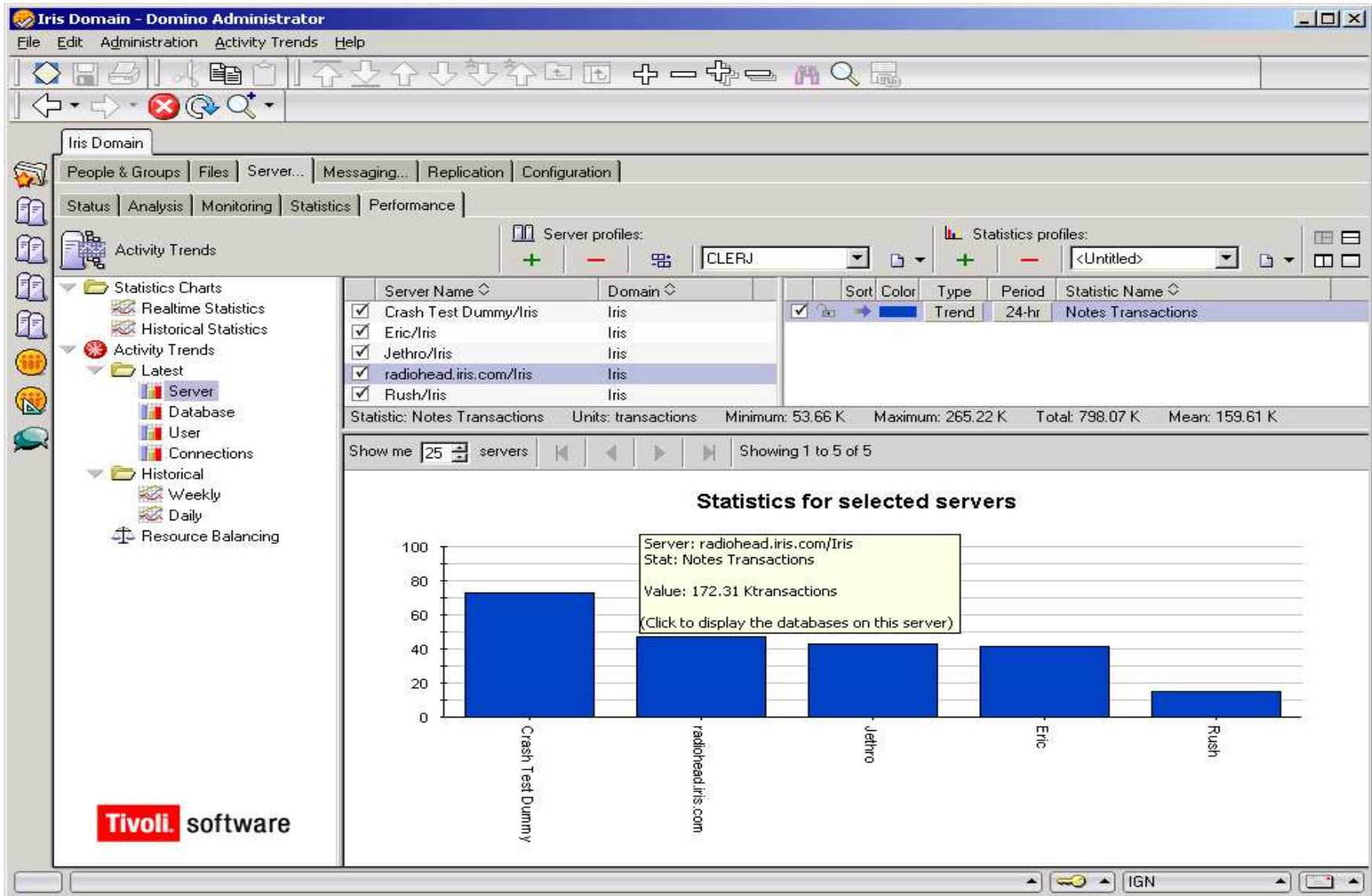


Resource Balancing



Change Automation
Domino Change Manager
& Administration Process





Iris Domain - Domino Administrator

File Edit Administration Activity Trends Help

Iris Domain

People & Groups Files Server... Messaging... Replication Configuration

Status Analysis Monitoring Statistics Performance

Activity Trends

Server profiles: CLERJ Statistics profiles: <Untitled>

Server Name	Domain	Sort	Color	Type	Period	Statistic Name
<input checked="" type="checkbox"/> Crash Test Dummy/Iris	Iris	<input checked="" type="checkbox"/>	→	Trend	24-hr	Notes Transactions
<input checked="" type="checkbox"/> Eric/Iris	Iris					
<input checked="" type="checkbox"/> Jethro/Iris	Iris					
<input checked="" type="checkbox"/> radiohead.iris.com/Iris	Iris					
<input checked="" type="checkbox"/> Rush/Iris	Iris					

Statistic: Notes Transactions Units: transactions Minimum: 0 Maximum: 25.31 K Total: 159.15 K Mean: 505

Show me 25 databases Showing 1 to 25 of 315

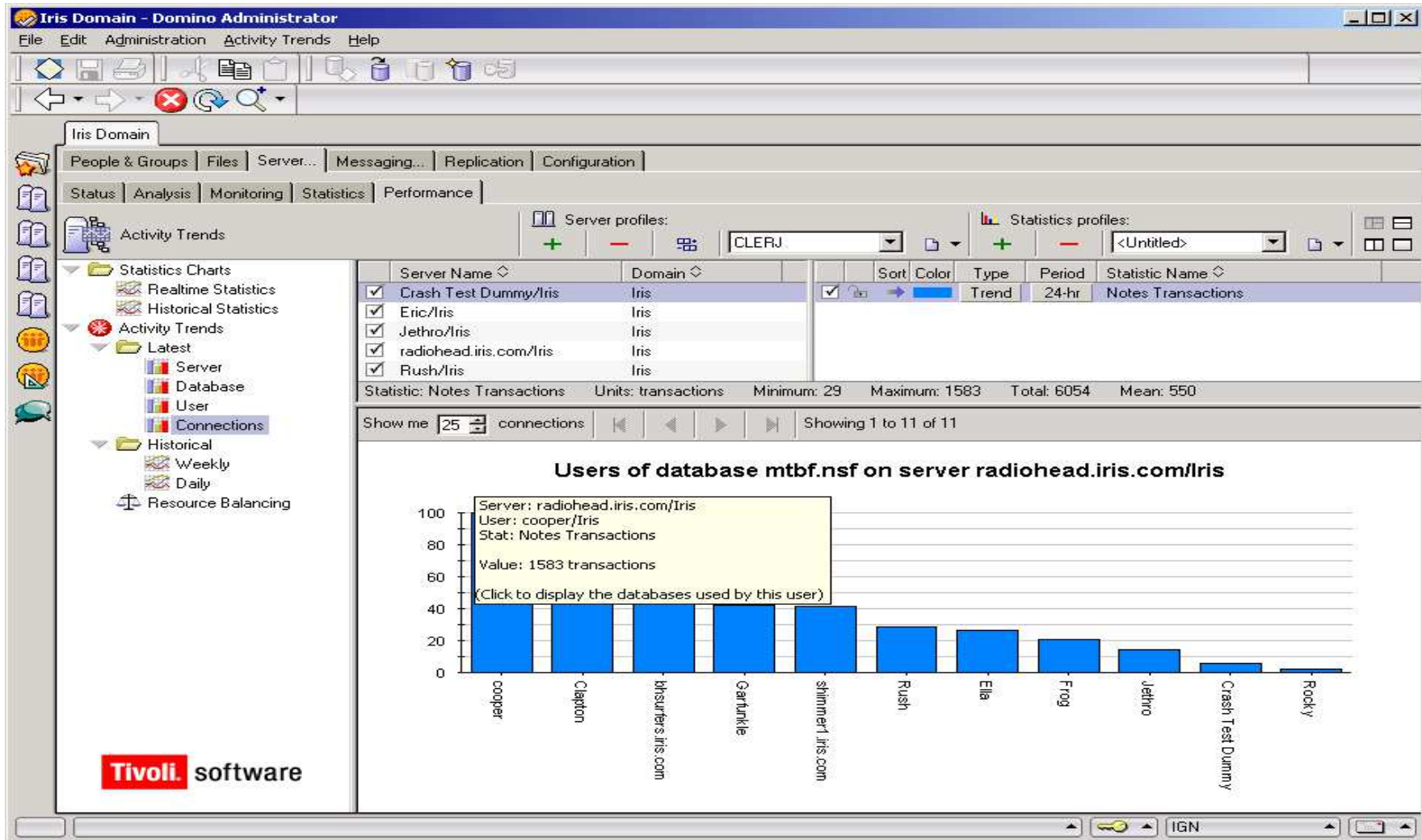
Statistics for all databases on server radiohead.iris.com/Iris

Server: radiohead.iris.com/Iris
 Database: Mean Time Between Failure
 Pathname: mtbf.nsf
 Stat: Notes Transactions
 Value: 5883 transactions
 (Click to display the users who have used this database)

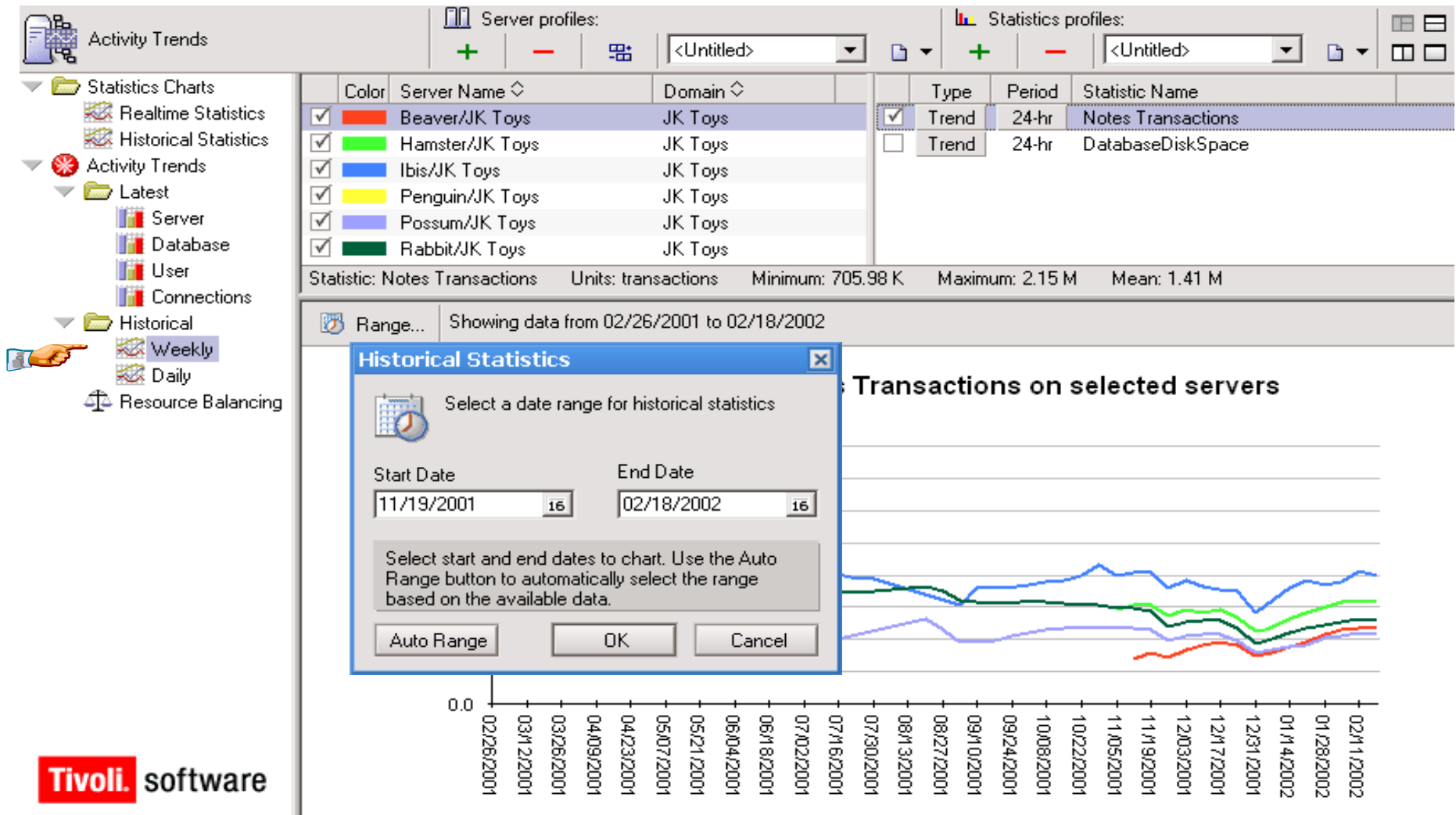
Tivoli software

IGN





Historical comparison of server performance



Resource Balancing

The screenshot displays the Resource Balancing application window. On the left is a navigation tree with categories like 'Statistics Charts', 'Activity Trends', and 'Resource Balancing'. The main area is divided into two tables. The top table, titled 'Servers', lists server names, domains, current capacity, target capacity, and accuracy. The bottom table, titled 'Notes Transactions (transactions)', lists server names, titles, physical paths, and disk space usage. A status bar at the bottom provides summary statistics.

Servers		Notes Transactions (transactions)				
Server Name	Domain	Current	Capacity	Target	Projected	Accuracy
Beaver/JK Toys	JK Toys	848.73 K	x 1	963.16 K	0	0%
Hamster/JK Toys	JK Toys	1.10 M	x 1	963.16 K	0	0%
Ibis/JK Toys	JK Toys	1.32 M	x 1	963.16 K	0	0%
Penguin/JK Toys	JK Toys	726.25 K	x 1	963.16 K	0	0%
Possum/JK Toys	JK Toys	782.20 K	x 1	963.16 K	0	0%

Server Name	Title	Physical Path	Notes Trai	DiskSpace
Beaver/JK Toys	Moe Vereecken	mail1\acemjzf.nsf	1193	280.46 M
Beaver/JK Toys	Takang Nock	mail1\afpix.nsf	271	69.74 M
Beaver/JK Toys	Ruth Henricksen	mail1\agdpctfs.nsf	525	30.44 M
Beaver/JK Toys	Rayon Riley	mail1\aksupb.nsf	2008	870.13 M
Beaver/JK Toys	Alfred Duaki	mail1\aoirdp.nsf	691	234.81 M
Beaver/JK Toys	Rosella Gruar	mail1\auonuwox.nsf	321	667.17 M
Beaver/JK Toys	Veit Huisman	mail1\awsxmyhx.nsf	1334	66.95 M
Beaver/JK Toys	Olivia Mushlin	mail1\azecfe.nsf	2640	93.92 M
Beaver/JK Toys	c1sec23 Dennis	mail1\bey.nsf	733	199.16 M
Beaver/JK Toys	Chibuzo Rosenthal	mail1\blxmtf.nsf	941	599.35 M
Beaver/JK Toys	Alandur Saifi	mail1\bohrrr.nsf	449	25.64 M
Beaver/JK Toys	Marco Kinback	mail1\brawzuz.nsf	3023	767.92 M
Beaver/JK Toys	Aron Kreft	mail1\byrf.nsf	800	269.07 M
Beaver/JK Toys	Punit Zektser	mail1\bzeugoxj.nsf	1772	978.33 M

Total databases: 7015 Total shown: 6399 Total Notes Transactions: 5.54 M Total DiskSpace: 854.55 G



Implementing the planned changes

Source Server	Title	Physical Path	Destination Server	Destination Path	Notes Trans	DiskSpace
Beaver/JK Toys	Alfred Duxi	mail1\aoirdp.nsf	Penguin/JK Toys	mail1\aoirdp.nsf	691	234.81 M
Beaver/JK Toys	Olivia Mushlin	mail1\azecfe.nsf	Penguin/JK Toys	mail1\azecfe.nsf	2640	93.92 M
Beaver/JK Toys	c1sec23 Dennis	mail1\bey.nsf	Rabbit/JK Toys	mail1\bey.nsf	733	199.16 M
Beaver/JK Toys	Chibuzo Rosenthal	mail1\blkmtf.nsf			941	599.35 M
Beaver/JK Toys	Maurice Orelus	mail1\bzmrarf.v			673	84.22 M
Beaver/JK Toys	Bahjat Bernabe	mail1\cixdk.nsf			3393	234.04 M
Beaver/JK Toys	Web Jolin	mail1\dhkd.nsf			1719	19.37 M
Beaver/JK Toys	Dan LaBianca	mail1\fbc.nsf			2474	182.62 M
Beaver/JK Toys	Jamie Oppenheim	mail1\fowzma.nsf			1416	32.52 M
Beaver/JK Toys	Lauren Lown	mail1\hmdpqh.nsf			542	74.61 M
Beaver/JK Toys	Anne Reaves	mail1\jlszhf.sk			698	482.17 M
Beaver/JK Toys	ClassroomFive Russell	mail1\komhsw.nsf			2755	455.68 M
Beaver/JK Toys	Pal Winter	mail1\mitedyw.nsf			595	63.47 M
Beaver/JK Toys	Freddie Schultze	mail1\nlmmiz.r			1555	66.58 M
Beaver/JK Toys	Li-Kong Freitag	mail1\nyfudhw.nsf			702	336.59 M
Beaver/JK Toys	Arkalgud	mail1\pbyi.nsf			1464	110.53 M
Beaver/JK Toys	Franky Yeo	mail1\qzsew.nsf	Hamster/JK Toys	mail1\qzsew.nsf	893	98.71 M
Beaver/JK Toys	Whitney Loscalzo	mail1\tijpth.nsf	Possum/JK Toys	mail1\tijpth.nsf	1436	127.23 M
Beaver/JK Toys	Ted Albert	mail1\zjkzeif.nsf	Possum/JK Toys	mail1\zjkzeif.nsf	800	87.75 M
Beaver/JK Toys	Mae Currie	mail1\zpkny.nsf	Possum/JK Toys	mail1\zpkny.nsf	585	103.57 M
Beaver/JK Toys	Gilles Brooks	mail2\bcuxoyu.nsf	Rabbit/JK Toys	mail2\bcuxoyu.nsf	725	352.61 M
Beaver/JK Toys	Mervyn Cutlip	mail2\cfmsreql.nsf	Penguin/JK Toys	mail2\cfmsreql.nsf	4349	655.17 M
Beaver/JK Toys	Donovan Cline	mail2\cfowuato.nsf	Penguin/JK Toys	mail2\cfowuato.nsf	488	1.40 G

Total moves: 1569	Total shown: 1569	Total Notes Transactions: 2.34 M	Total DiskSpace: 298.05 G
-------------------	-------------------	----------------------------------	---------------------------

Submit Plan

Submit proposed moves as new Plan for Domino Change Manager

Plan Name:

Description:

Submit to:

Enter a name and description of the Resource Balancing plan to submit. The plan will appear in the database you specify after processing by the Change Manager task.

OK Cancel



Domino Change Manager

Domino Change Control Create View Edit Tools

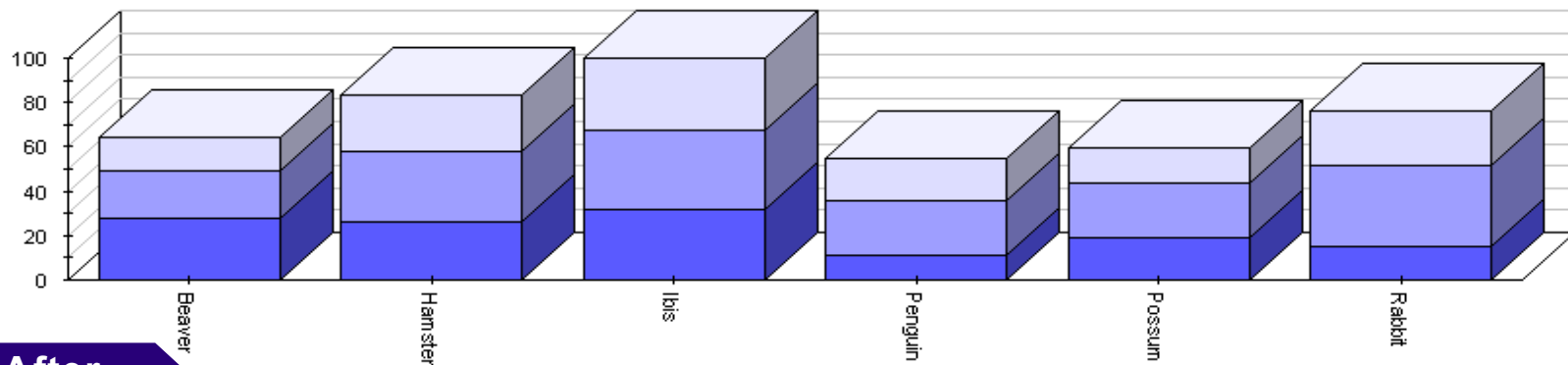
Name	Info	Authors
▶ Canceled		
▶ Completed		
▼ Draft		
▼ Balance Mail Servers	11 elements, 1580 total Executes concurrently	Simon Pope/Watson/IBM
▼ 1. Database Move Sequence #1 (156 elements, 156 total. Executes concurrently)		
1. Move Corey Rainey on Hamster/JK Toys to Penguin/JK Toys.		
2. Move Earlene Alicea on Ibis/JK Toys to Penguin/JK Toys.		
3. Move Aaron Mccallum on Hamster/JK Toys to Rabbit/JK Toys.		
4. Move McCallum's Hulgundi on Ibis/JK Toys to Penguin/JK Toys.		
5. Move Electronic Dravec on Beaver/JK Toys to Rabbit/JK Toys.		
6. Move Multi-State Bahl on Ibis/JK Toys to Rabbit/JK Toys.		
7. Move Eron Shankar on Ibis/JK Toys to Penguin/JK Toys.		
8. Move Apostol Bojarczuk on Ibis/JK Toys to Penguin/JK Toys.		
9. Move Leticia Ruffini on Hamster/JK Toys to Rabbit/JK Toys.		
10. Move Dudley Sussman on Hamster/JK Toys to Penguin/JK Toys.		
11. Move Sherene Lanzetta on Hamster/JK Toys to Rabbit/JK Toys.		
12. Move Isabel Dechiaro on Ibis/JK Toys to Penguin/JK Toys.		
13. Move Terrence Monroe on Hamster/JK Toys to Rabbit/JK Toys.		
14. Move Pong-Fei Gilgien on Ibis/JK Toys to Penguin/JK Toys.		
15. Move Praveen Presler-Marshall on Hamster/JK Toys to Rabbit/JK Toys.		
16. Move Abram Daber on Beaver/JK Toys to Penguin/JK Toys.		
17. Move gainet Scandurra on Possum/JK Toys to Rabbit/JK Toys.		

Domino Change Control

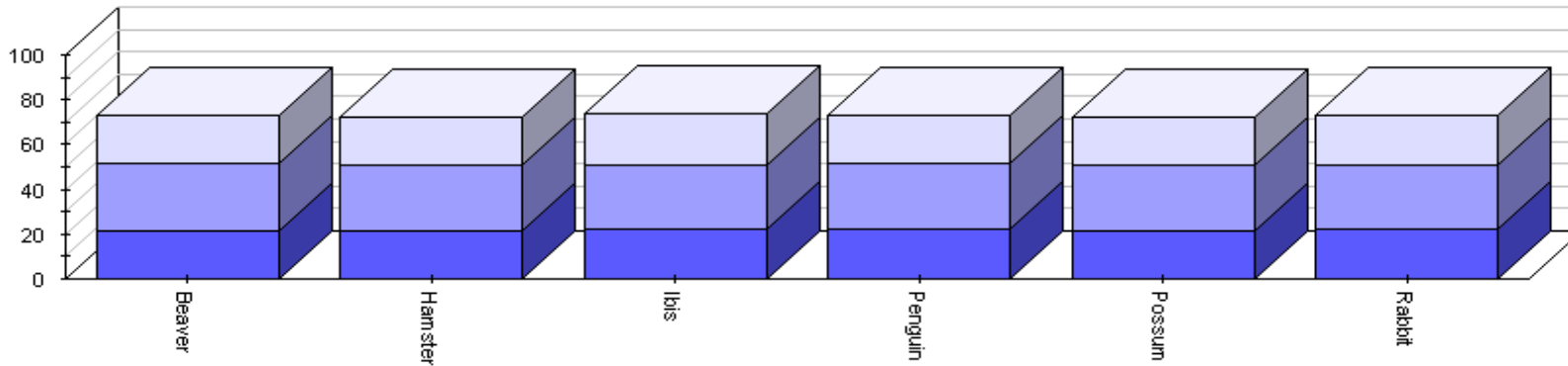


Transaction Comparison

Before



After



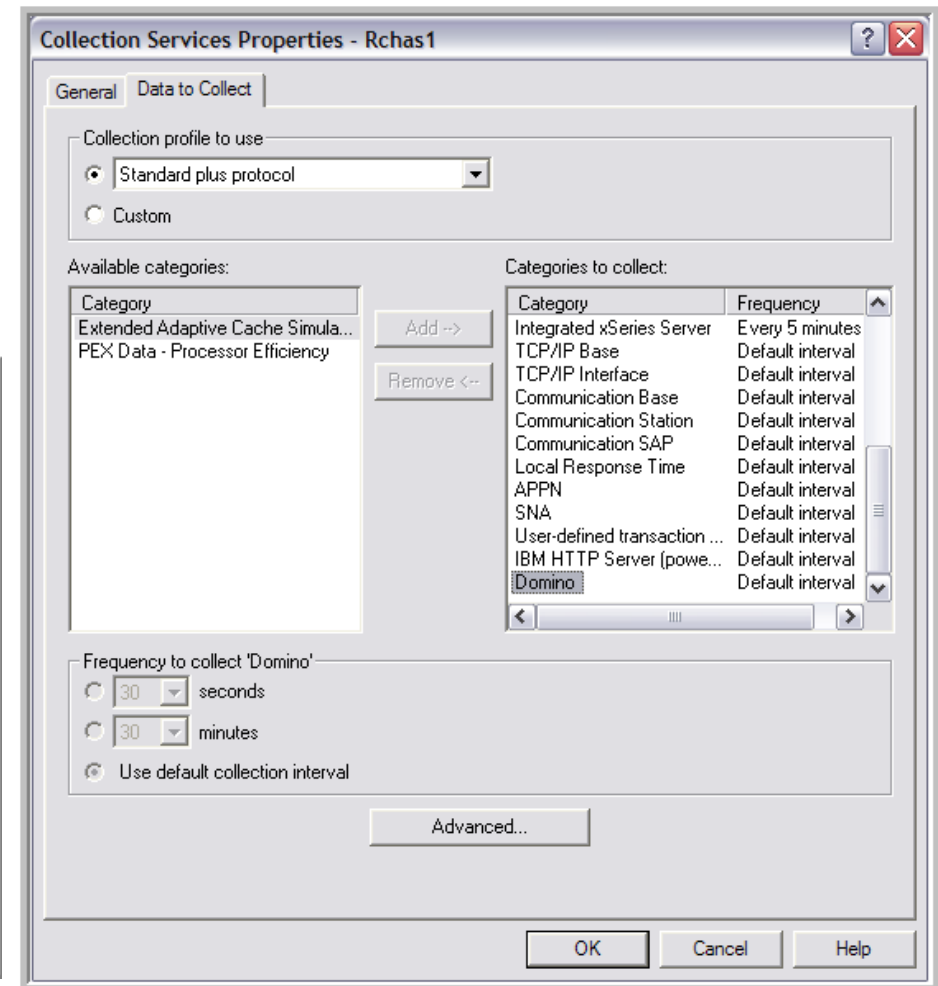
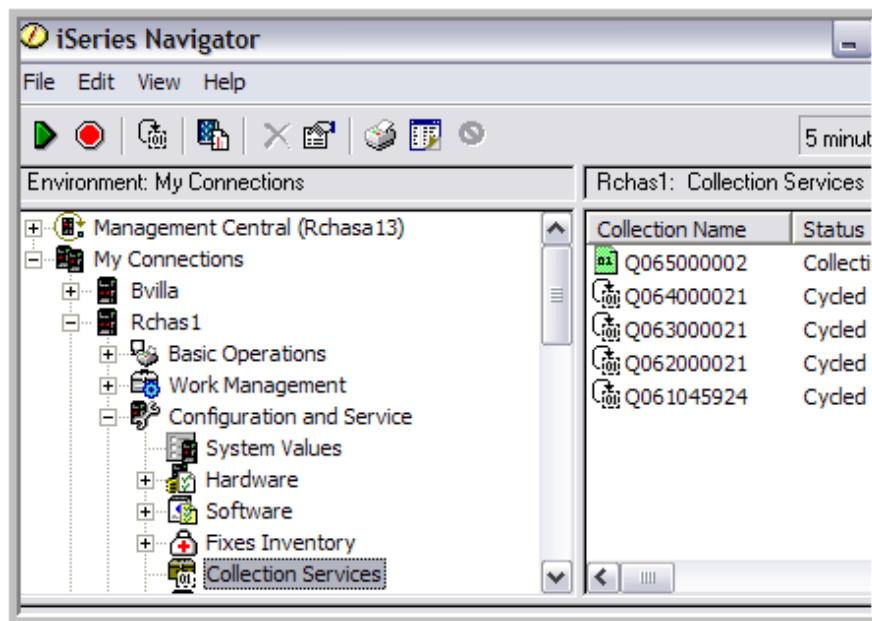
Domino on iSeries keeps getting better

- Better management:
 - ▶ Domino performance analysis / capacity planning with OS/400 Collection Services
- Better performance:
 - ▶ OS/400 IFS memory management improvement
 - ▶ Better integration:
 - ▶ IBM HTTP Server powered by Apache with Domino 6
- New Tools within Management Central for iSeries Navigator



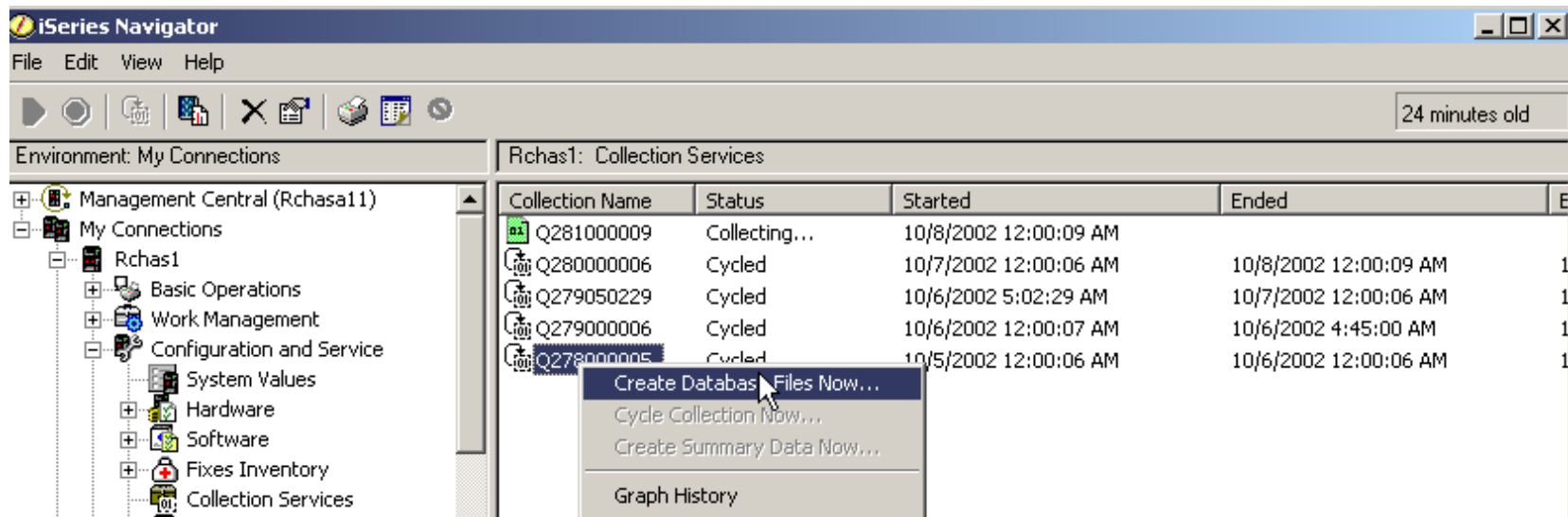
Domino Collection Services

- Configuration And Services-
 >Collection Services (right click properties). Under "Data to Collect" tab, select 'Custom' for your "Collection Profile to use", and select Domino from the list



Domino Collection Services

- Set of predefined Domino Statistics i.e. sh stat
- Store Domino statistics within the QPFRDATA Library
- The file QAPMDOMINO will contain the Domino data
- Use Query to pull specific Data



The screenshot displays the iSeries Navigator interface. The left pane shows the environment structure under 'My Connections', including 'Rchasa1' and 'Collection Services'. The right pane shows a table of collection services for 'Rchasa1: Collection Services'. A context menu is open over the row with Collection Name 'Q278000006'.

Collection Name	Status	Started	Ended	E
Q281000009	Collecting...	10/8/2002 12:00:09 AM		
Q280000006	Cycled	10/7/2002 12:00:06 AM	10/8/2002 12:00:09 AM	1
Q279050229	Cycled	10/6/2002 5:02:29 AM	10/7/2002 12:00:06 AM	1
Q279000006	Cycled	10/6/2002 12:00:07 AM	10/6/2002 4:45:00 AM	1
Q278000006	Cycled	10/5/2002 12:00:06 AM	10/6/2002 12:00:06 AM	1

The context menu options are:

- Create Database Files Now...
- Cycle Collection Now...
- Create Summary Data Now...
- Graph History



Domino Collection Services (Continued)

- RUNQRY QRY(*NONE) QRYFILE((QPFRDATA/QAPMDOMINO Q065000002))
- Different member for each day!

Display Report

Position to line	8	9	10	11	12	13	14	15	16	17	
Line	erver	Server	Start	Buffer pool	Buffer pool	Percent	Report width Shift to column				
	ob	job	date	size	used	reads in					
	ser	number	time	(MB)	(peak-MB)	buffer pool					
000001	NOTES	171159	D27ML001	20030305233822	600	600	95.55				
000002	NOTES	171181	D27DBRAS1	20030305233911	300	127	91.89				
000003	NOTES	171159	D27ML001	20030305233822	600	600	95.61				
000004	NOTES	171181	D27DBRAS1	20030305233911	300	127	91.97				
000005	NOTES	171159	D27ML001	20030305233822	600	600	95.69				
000006	NOTES	171181	D27DBRAS1	20030305233911	300	127	92.04				
000007	NOTES	171159	D27ML001	20030305233822	600	600	95.77				
000008	NOTES	171181	D27DBRAS1	20030305233911	300	127	92.08				
000009	NOTES	171159	D27ML001	20030305233822	600	600	95.83				
000010	NOTES	171181	D27DBRAS1	20030305233911	300	127	92.15				
000011	NOTES	171159	D27ML001	20030305233822	600	600	95.84				
000012	NOTES	171181	D27DBRAS1	20030305233911	300	127	92.21				
000013	NOTES	171159	D27ML001	20030305233822	600	600	95.96				
000014	NOTES	171181	D27DBRAS1	20030305233911	300	127	92.25				
000015	NOTES	171159	D27ML001	20030305233822	600	600	96.02				
000016	NOTES	171181	D27DBRAS1	20030305233911	300	127	92.28				
000017	NOTES	171159	D27ML001	20030305233822	600	600	96.09				





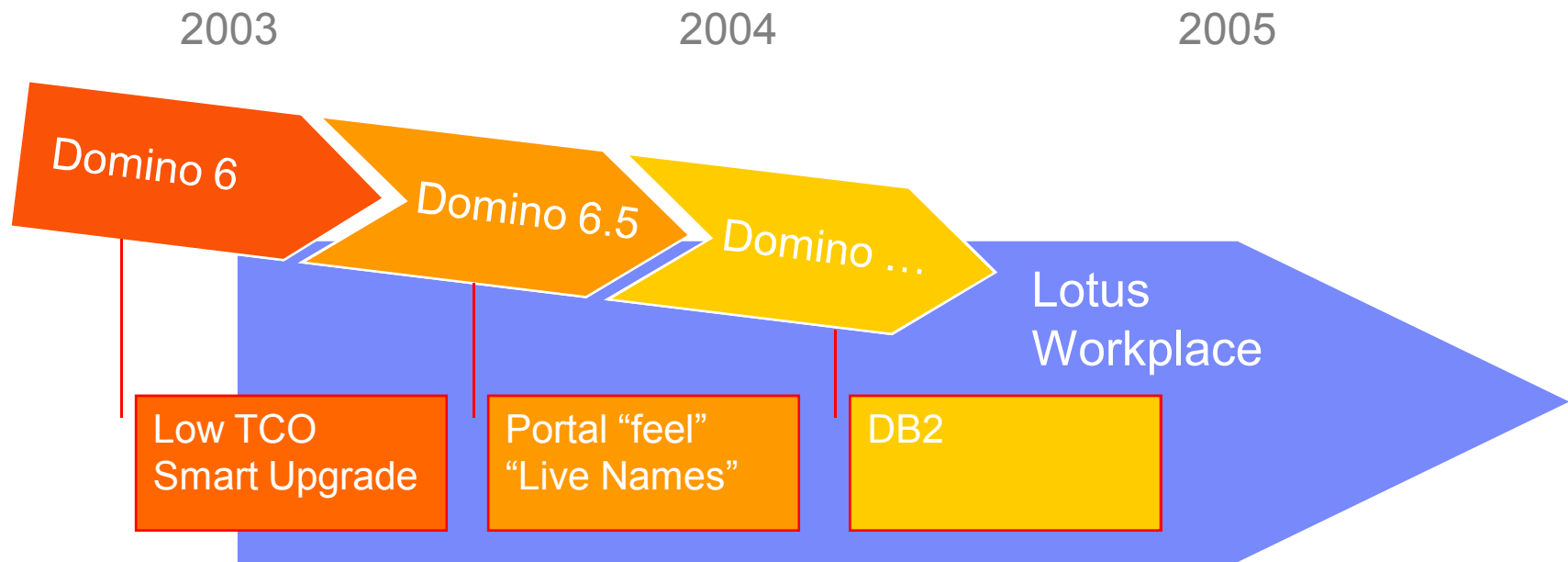
Looking Ahead and Preparing

Lotus software



@business on demand software

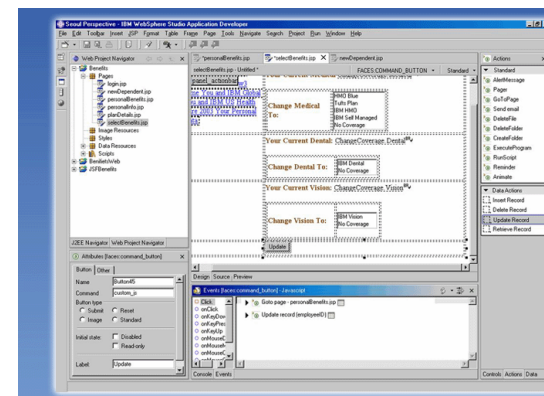
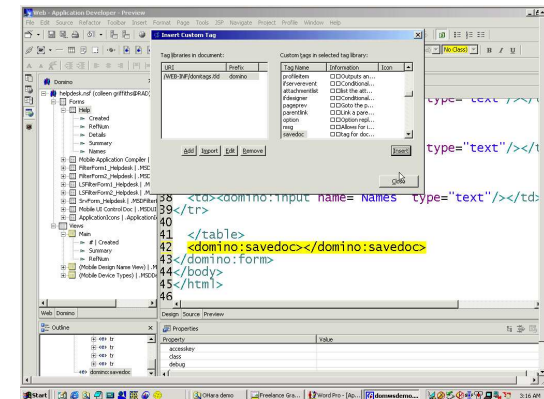
Getting to Lotus Workplace



Domino Applications Roadmap

- 1) Continue to Use/Build Apps for Notes Clients (Now)
- 2) Expose Domino Applications to Web Clients (Now)
- 3) Use Portlet Factory to Incorporate in Portal Solutions (Now)
- 4) Access Domino Apps/Services from new JSP Apps (Q2)
- 5) Leverage Domino Quality RAD to J2EE

Progressive Options for Collaborative Apps



Expanding Domino Customer Capabilities

Layering in standards based infrastructure as part of the Domino platform

- WebSphere Application Server
- Tivoli System Management
- LDAP v3 Directory
- DB2 in Domino 7

Portal Integration

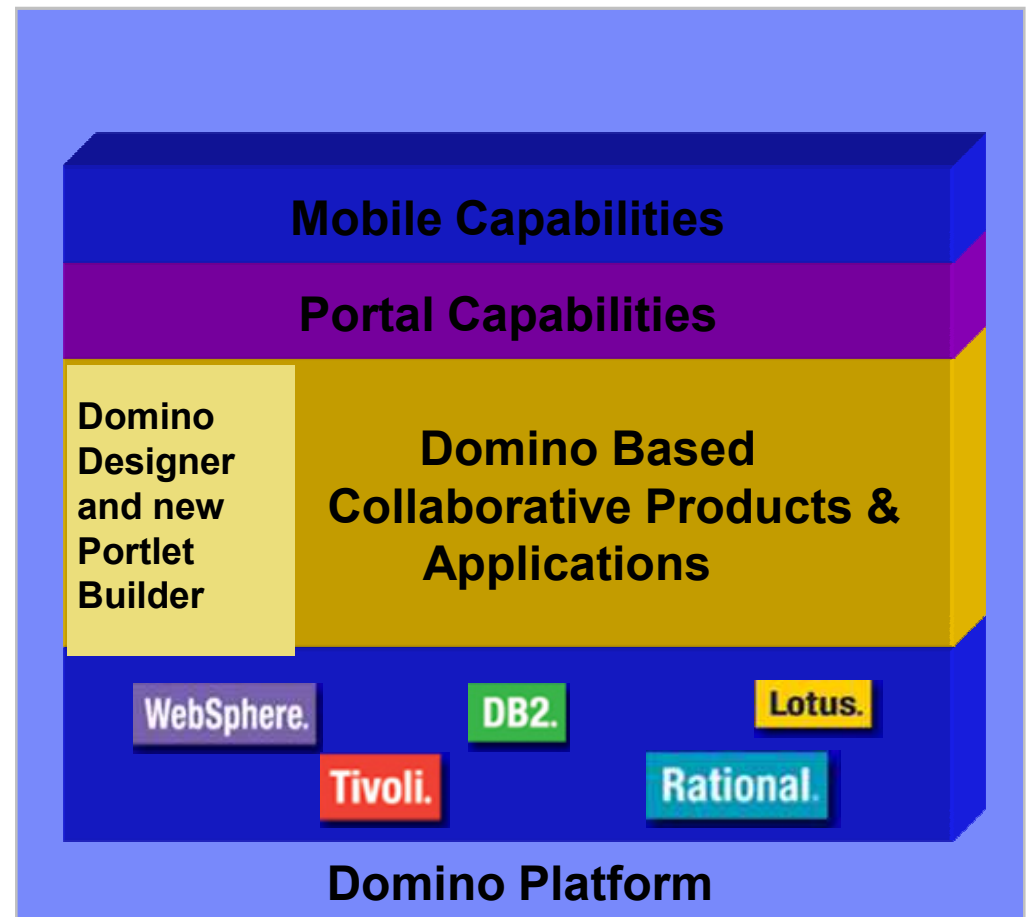
- IBM portlets for all Domino-based products

Mobile Integration

- Domino-based products available via mobile devices

Domino Portlet Builder

- Create custom portlets for all Domino-based applications



Questions

