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IBM Lotus Notes & Domino – the road ahead

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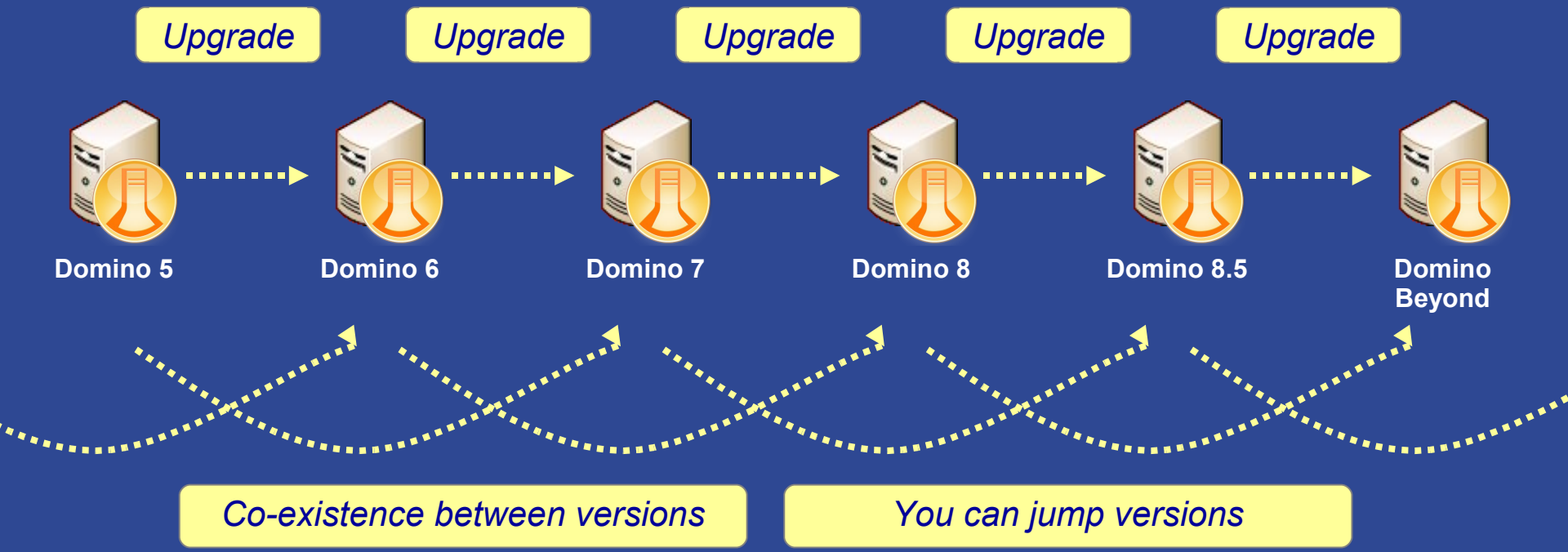
Protection of investment



- Continued evolution + consistent architecture =
  - Protection of investment
  - Lower cost of ownership
  - Shorter time to business value

Consistent architecture, continuous improvements

6

Policy-based administration

Scalability improvements

7

50 – 80% scalability improvements

Reduced CPU usage

Domain monitoring

8.0.1

~ 35% mail box compression

Further reduction of CPU usage

Reduction in I/O

Traveler – e-mail for mobile devices

Message recall

64-bit servers

Domino Web Access Lite

8.5

Reduction in space taken by file attachments

Notes authentication via Active Directory (optional)

Notes ID credential vault

Modernised HTTP server (Ajax, Dojo)

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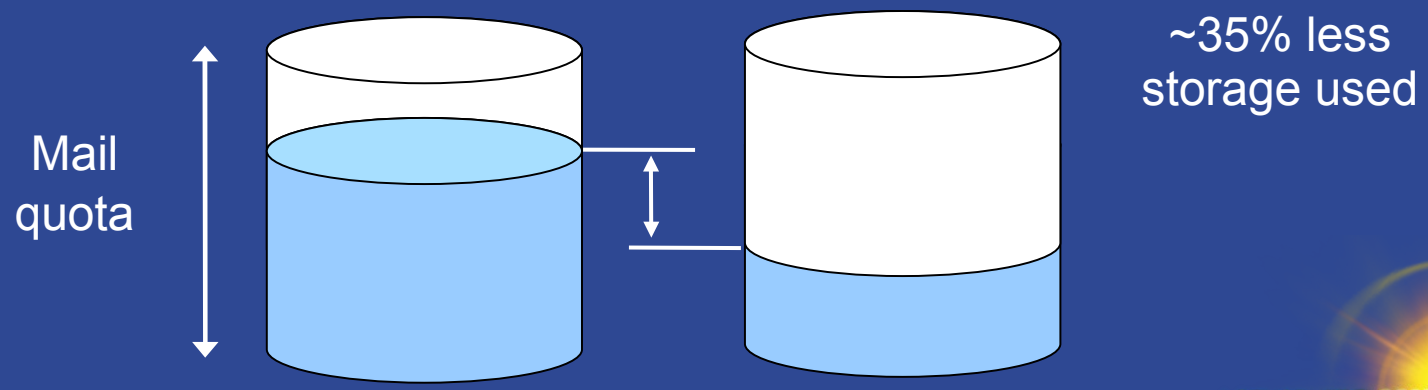
Future roadmap may be subject to change

New capabilities – database / mail box compression

- Brought forward from Domino 8.5
- Compresses databases and mail boxes by around 30 – 40%
- Benefits:
  - Decrease in storage required, contributes to reduction in cost of ownership
  - Improvements to server performance due to decreased I/O
  - Faster opening of mail boxes on client



New capabilities – Lotus Notes Traveler

- Secure mobile e-mail / PIM support
- Free entitlement for maintained Notes and Domino Web Access users
- Initially supports Microsoft Windows Mobile 5 and 6
- Partners contribute to providing full ecosystem
  - e.g. device management

BlackBerry® * +

MOTOROLA Motorola Good Technology Group * +

NOKIA Connecting People +

VISTO™ +

CommonTime

SYBASE® iAnywhere®

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* IBM Lotus Notes & Domino Design Partner
+ Offered for wireless hosting via IBM Global Technology Services

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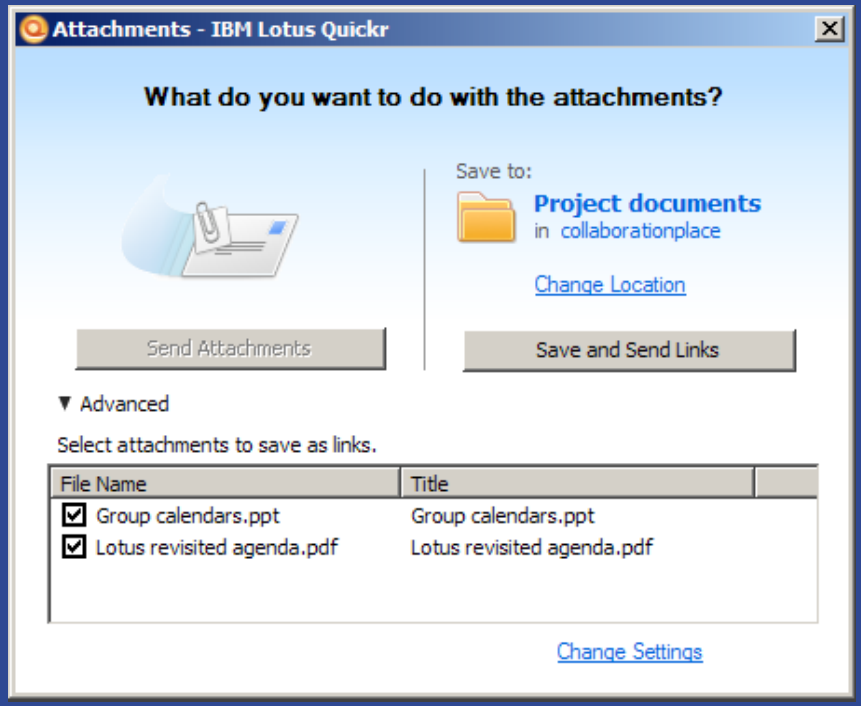
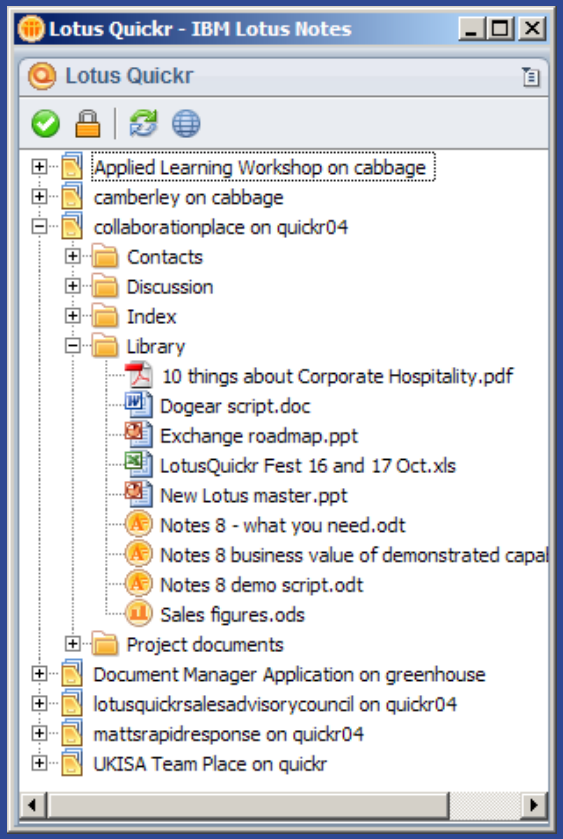
Integration with Lotus Quickr 8.1

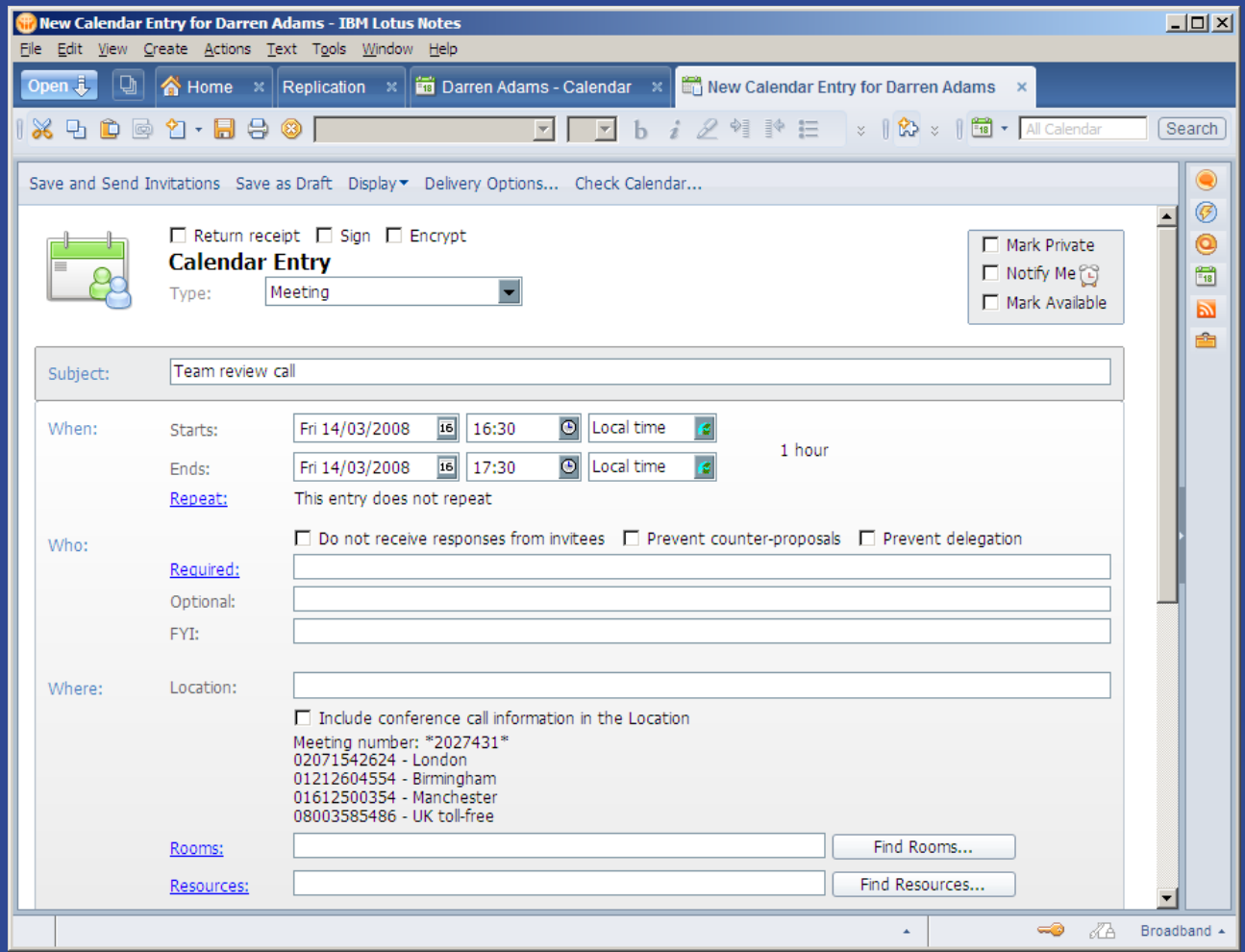
- Drag and drop of file attachments (e.g. from e-mail) into a document library
- When sending e-mail, publish attachments into a library and send the links instead





New calendar and scheduling capabilities

- Conference call details stored in calendar preferences
- Automatically inserted in an invite when required



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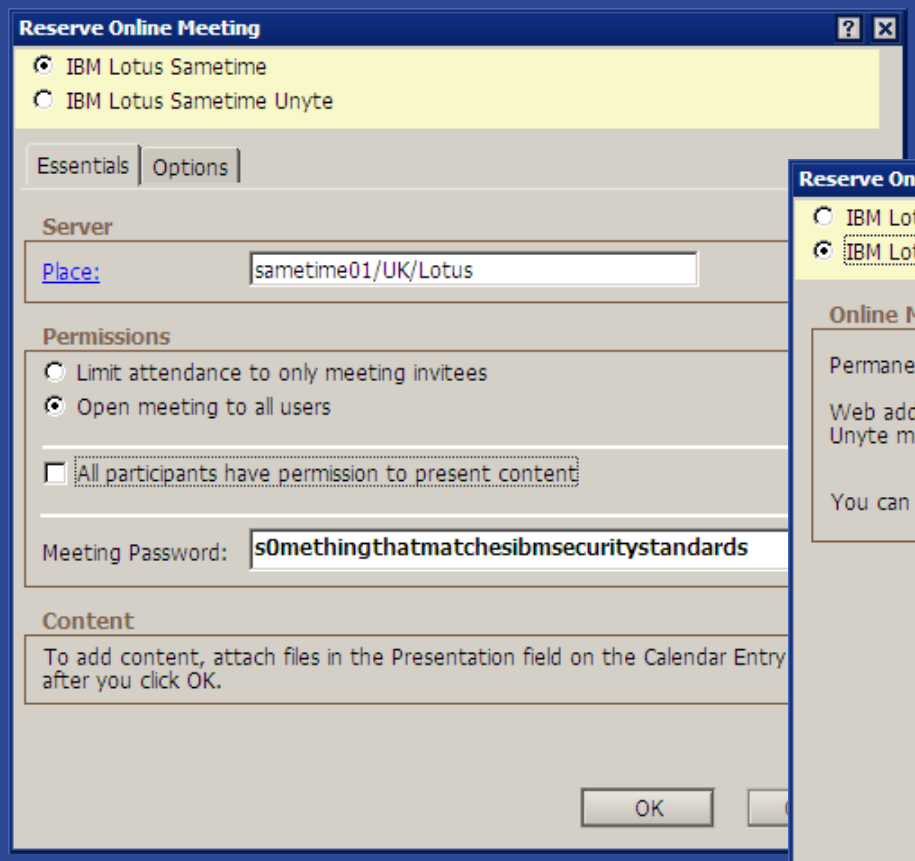
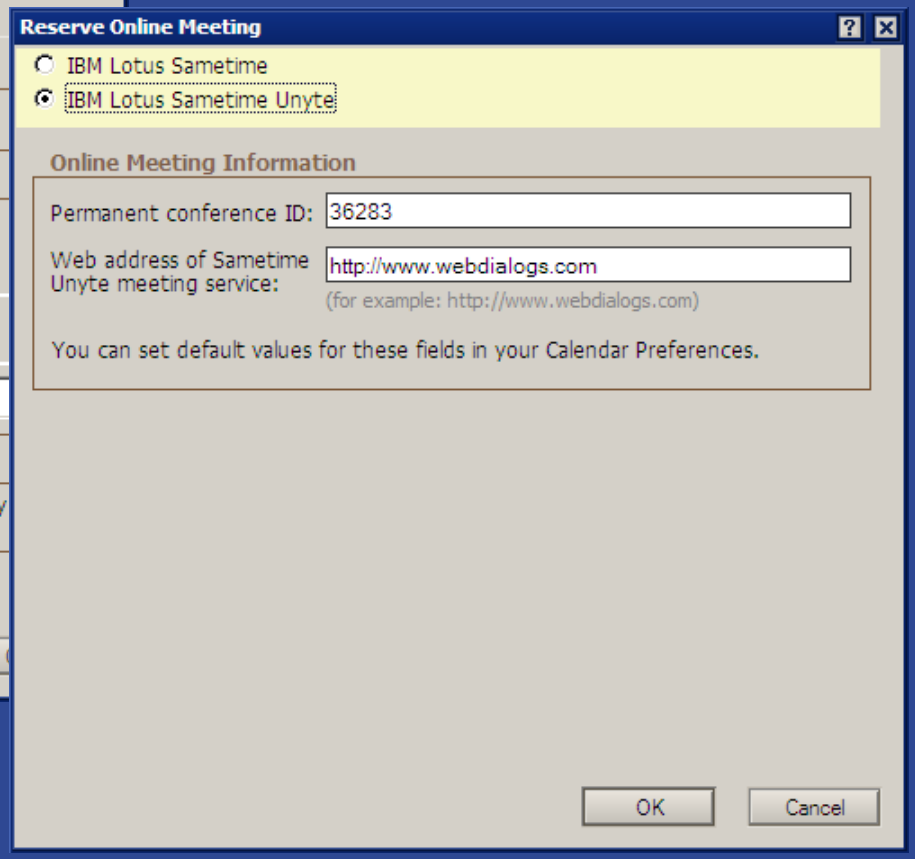
New calendar and scheduling capabilities

- Improved Sametime meeting scheduling
- NEW – Sametime Unyte meeting integration





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My Widgets – user-defined content

- Allows users to add the following to their Notes 8 side-bar

2. Notes views (and documents)
3. Web pages
4. Feeds
5. Google Gadgets

- Benefits to customer
  - Provides users with the tools and flexibility to make content important to them quick and easy to access
  - Provides business agility without calling in the developers

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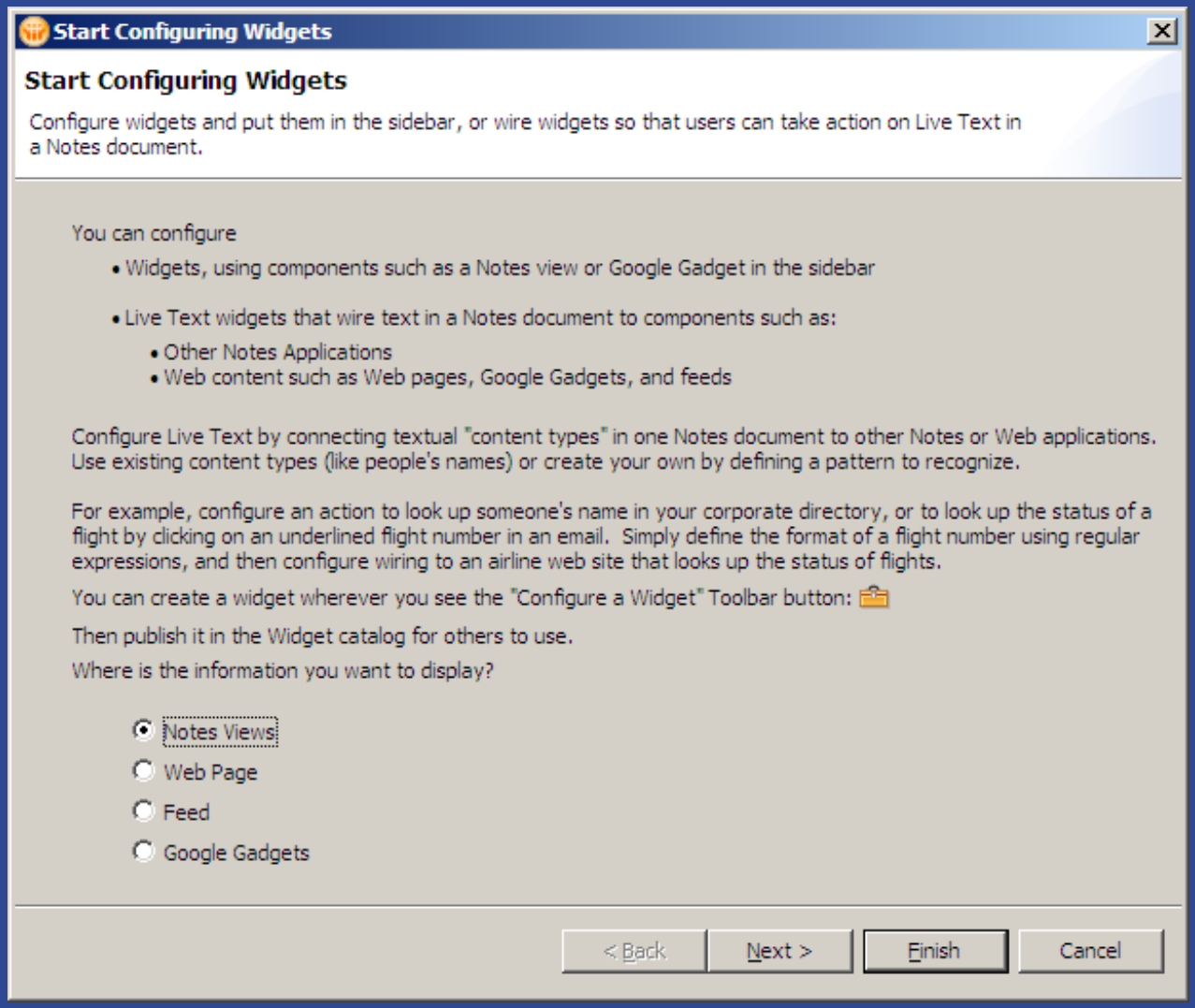
My Widgets – side-bar content



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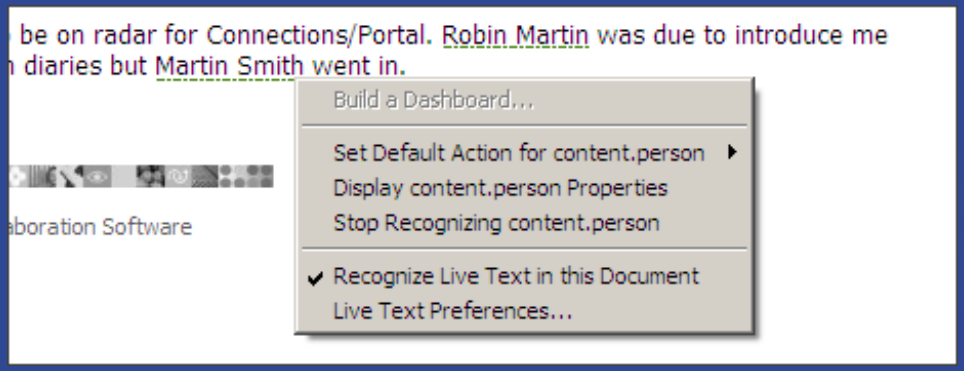
My Widgets – mash-ups

- Create 'recognisers', actions and content types
- Recognised text will be underlined
- Clicking on it will invoke an associated action
- Examples:
  - Name in an e-mail, click on it for BluePages lookup
  - Flight number, look up flight details from web site
  - Part number, click on it for stock status
  - Order number, click on it for progress
  - Parcel tracking number, click on it for shipping progress
  - Postcode, click on it to plot location on Google Map



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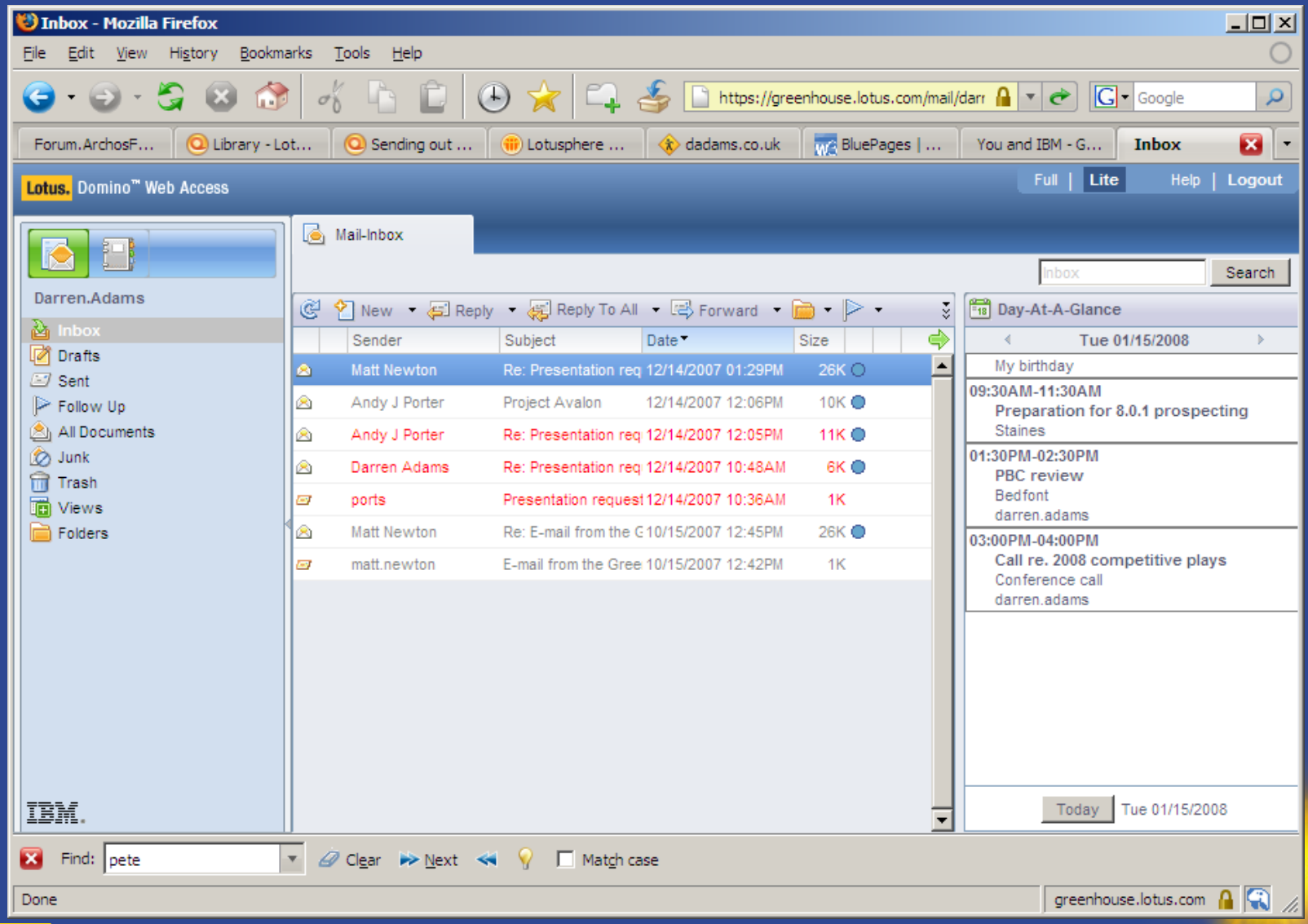
New capabilities – Domino Web Access Lite

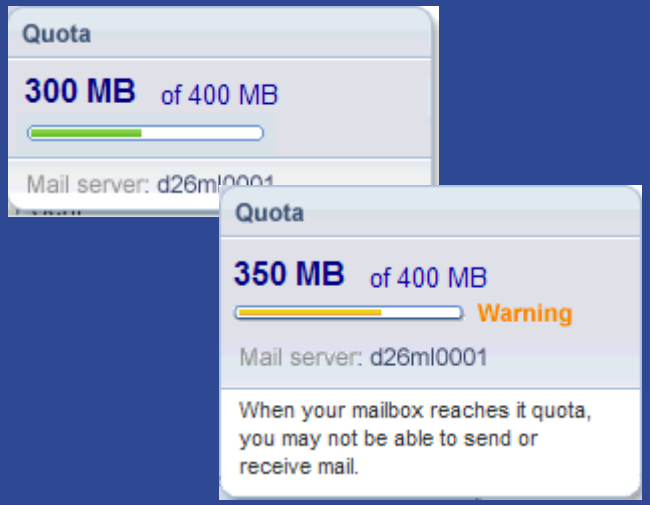
- A new option for displaying Domino Web Access
- For speedy access generating less traffic than full mode
  - Benchmarks show it to be 40% quicker than Google Mail
- Log directly into Lite mode or switch from full mode
- Benefits to customer
  - Quick access to full-functional e-mail over slow connections

Domino Web Access Lite



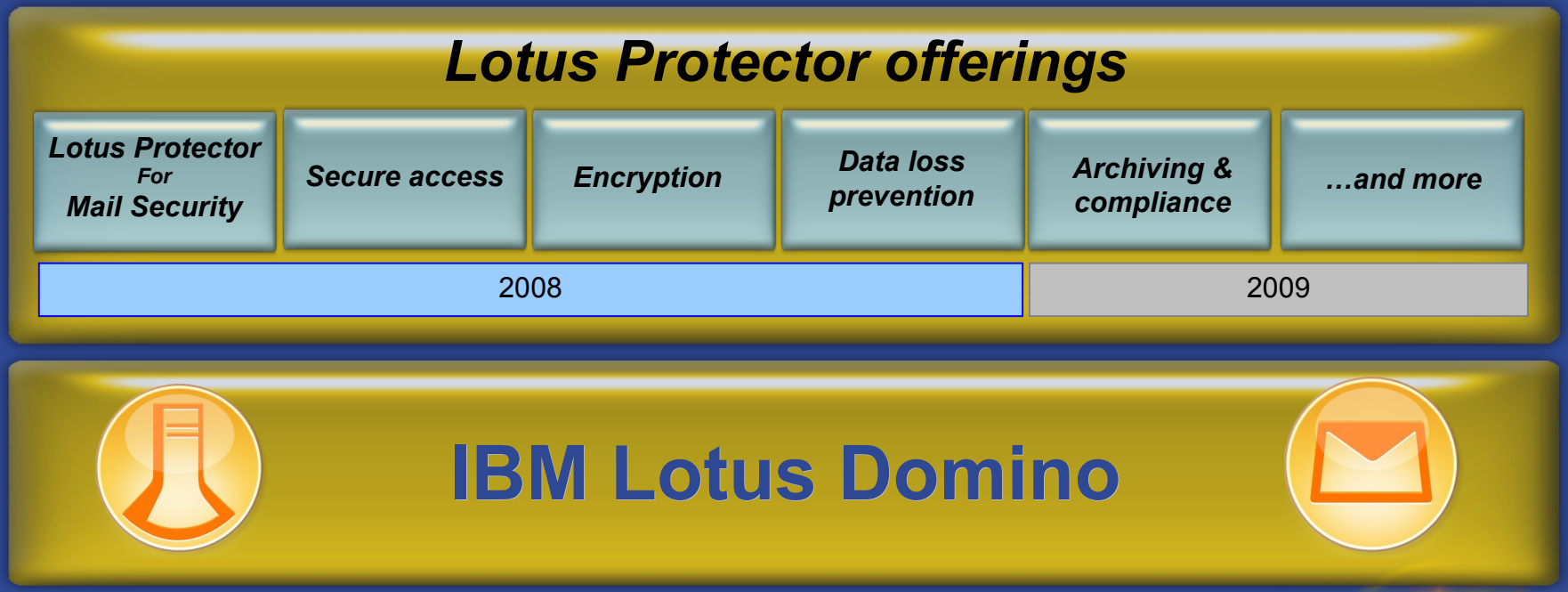
New capabilities - various

- Mail quota indicator
  - With added advice on how to manage mail box size
- User interface refresh of tasks
  - Now match e-mail and calendar
- Updated blog template
- Open documents in a new separate window
- Symphony editors… e-mail integration
- Citrix 4.5 support
- Sametime 8 integrated into the Notes client



Lotusphere 2008 announcements

- Lotus Protector
  - Extends the proven security model of Notes / Domino to SMTP and e-mail data management



Lotus Protector

- Spam control and content inspection
  - Antivirus and antispam – stop spam before it gets to your Domino servers or Notes users
    - Multi-level message analysis on every e-mail message
    - Sophisticated and granular policy management
    - Multiple built-in spam analysis modules
  - Fully customisable content analysis modules
    - Helps manage compliance in e-mail
- Preemptive protection
  - Industry-leading intrusion prevention system (IPS)
  - Signature and behavioral antivirus
  - Specialized content inspection for phishing and spyware

Lotusphere 2008 announcement – 'Atlantic'

- 'Atlantic' provides access to the SAP Business Suite through the familiar Lotus Notes client
  - Includes workflows, reporting and analytics for managers, a set of scenarios (e.g., leave approval, trip request approval) for employees
  - Limited ability to customize scenarios in version 1.0
- SAP and IBM partnership
  - Joint development effort, shared marketing, advertising & product support
  - Each company will sell the product
- Initial shipment planned for Q4, 2008

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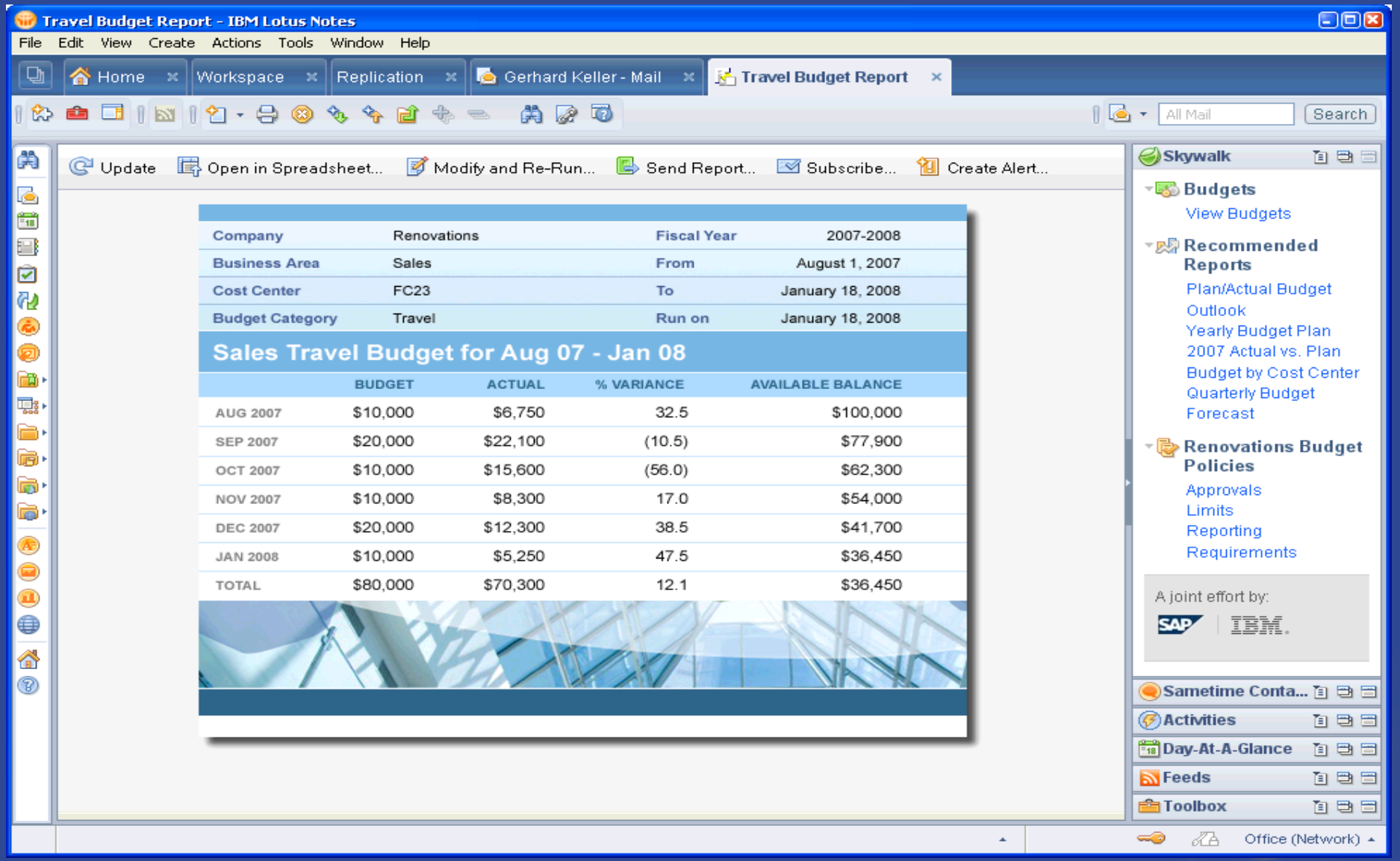
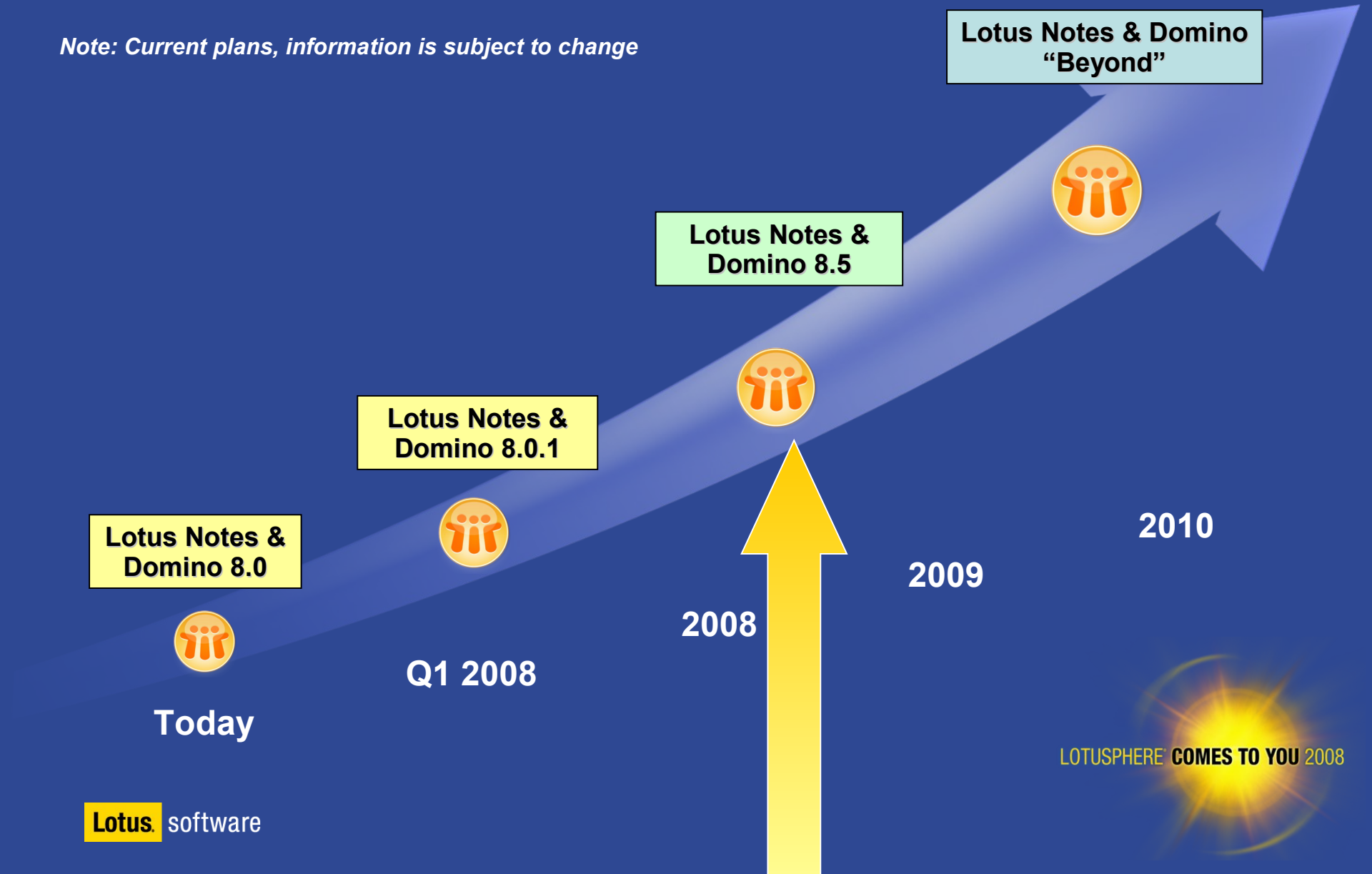
‘Atlantic’ – travel budget report



Notes / Domino roadmap

Note: Current plans, information is subject to change



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Goals for Notes / Domino 8.5

- Simplify Notes identity management and authentication
- Reduce storage costs
- Improve I/O operations
- Improve quality of service
- Modernise Domino web application development

"…the most important Domino version since 5"

Russ Holden
Lotus Domino Chief Architect and Distinguished Engineer

Simplifying identify management

- For users:
  - Eliminate need to enter Notes password
  - Simplify "forgotten password" and "lost ID file" recovery
  - Eliminate need to manually keep multiple ID files consistent
- For IT:
  - Greatly simplify Notes ID management: manage, update and distribute ID's
  - Allow Notes user and group information to be stored and managed in non-Domino LDAP directories

Lotus Domino 8.5 - central Notes ID vault

- Eliminates expensive error-prone manual operations
- Automates Lotus Notes ID file provisioning to Notes desktops

Helpdesk

Notes IDs

Domino ID vault

Lotus Domino

Notes ID

Lotus Notes

Self-service password change application

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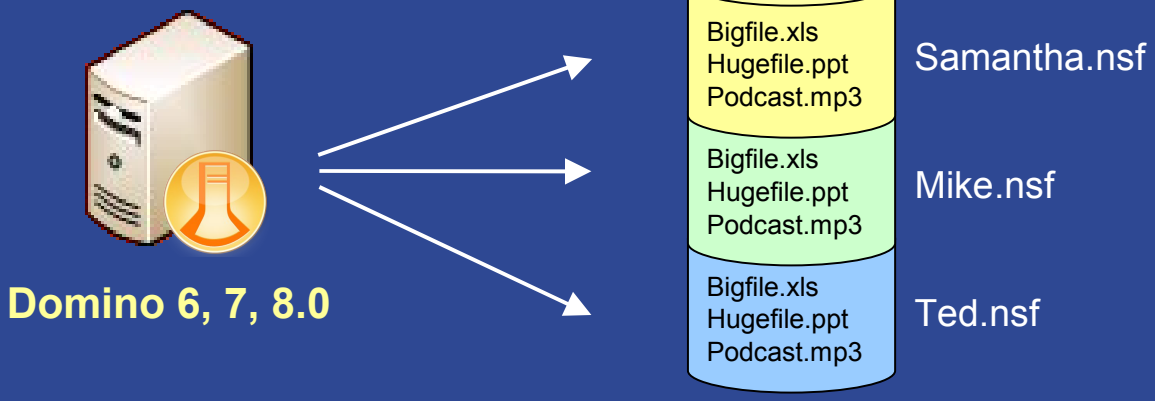
Domino 8.5 – optional improvements

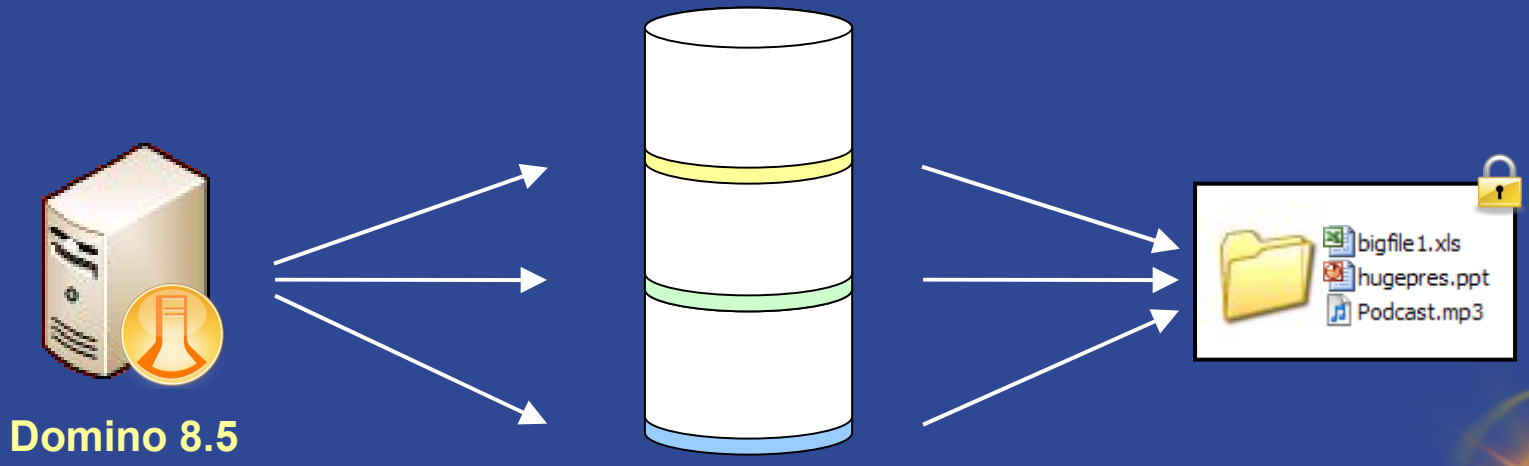
- Management improvements to help lower operational costs
- Directory:
  - Option to replace Domino Directory with LDAP directory
  - Tools will be provided to migrate Domino person attributes into LDAP
  - Active Directory will be first target followed by other leading directories
  - Domino directory continues to be supported as integrated directory – no mandate to change
- Storage:
  - Domino Attachment Object Store (DAOS)
  - Provides efficient, file-system storage of large objects
  - Automatically removes redundant storage of objects via efficient content comparison
  - Results:
    - Databases greatly reduced in size
    - Substantial disk space savings
    - I/O bandwidth savings

Domino Attachment and Object Store



Please note:

This is **NOT** the same as the Single Copy Object Store (SCOS)



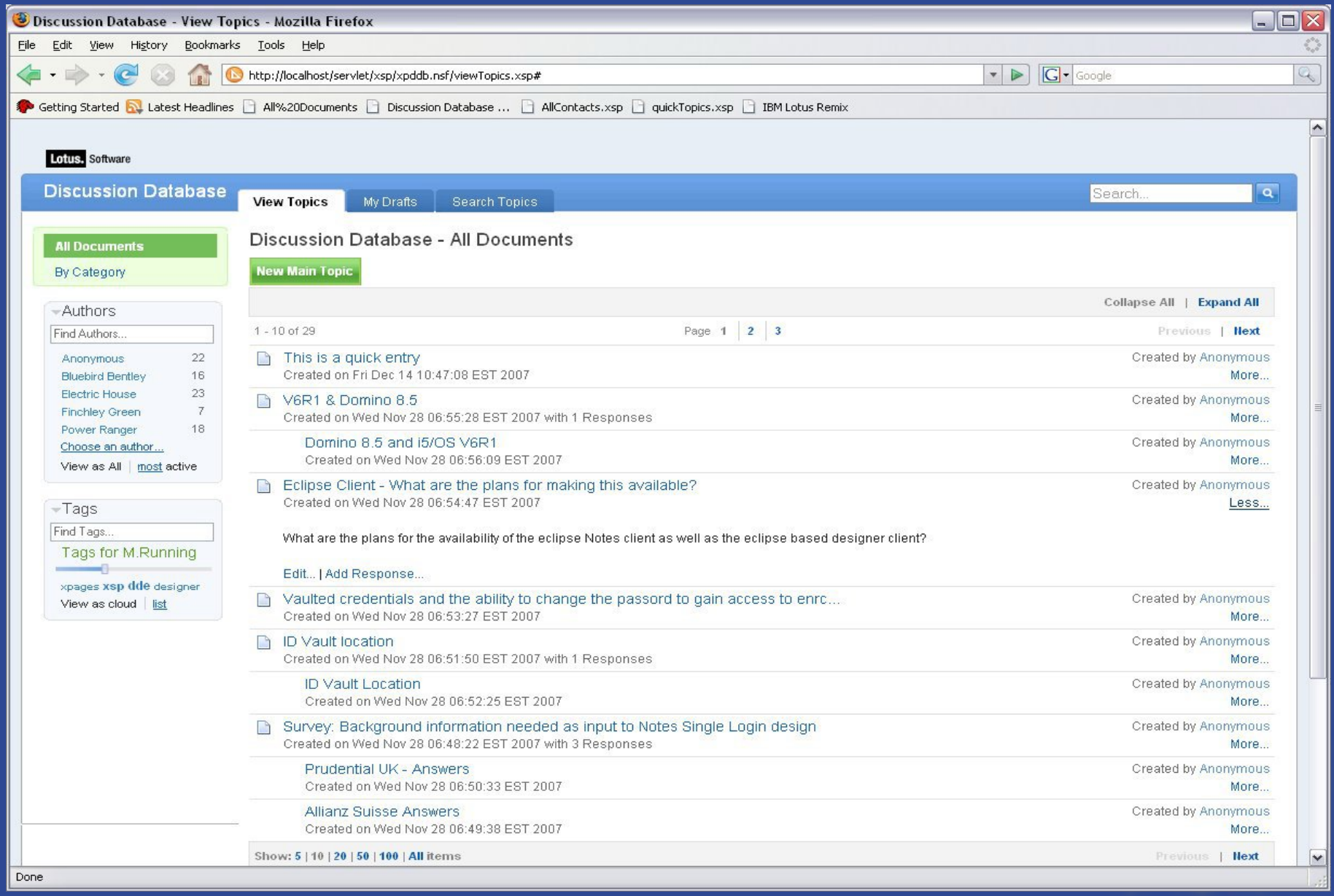
Domino 8.5 – configuration tuner

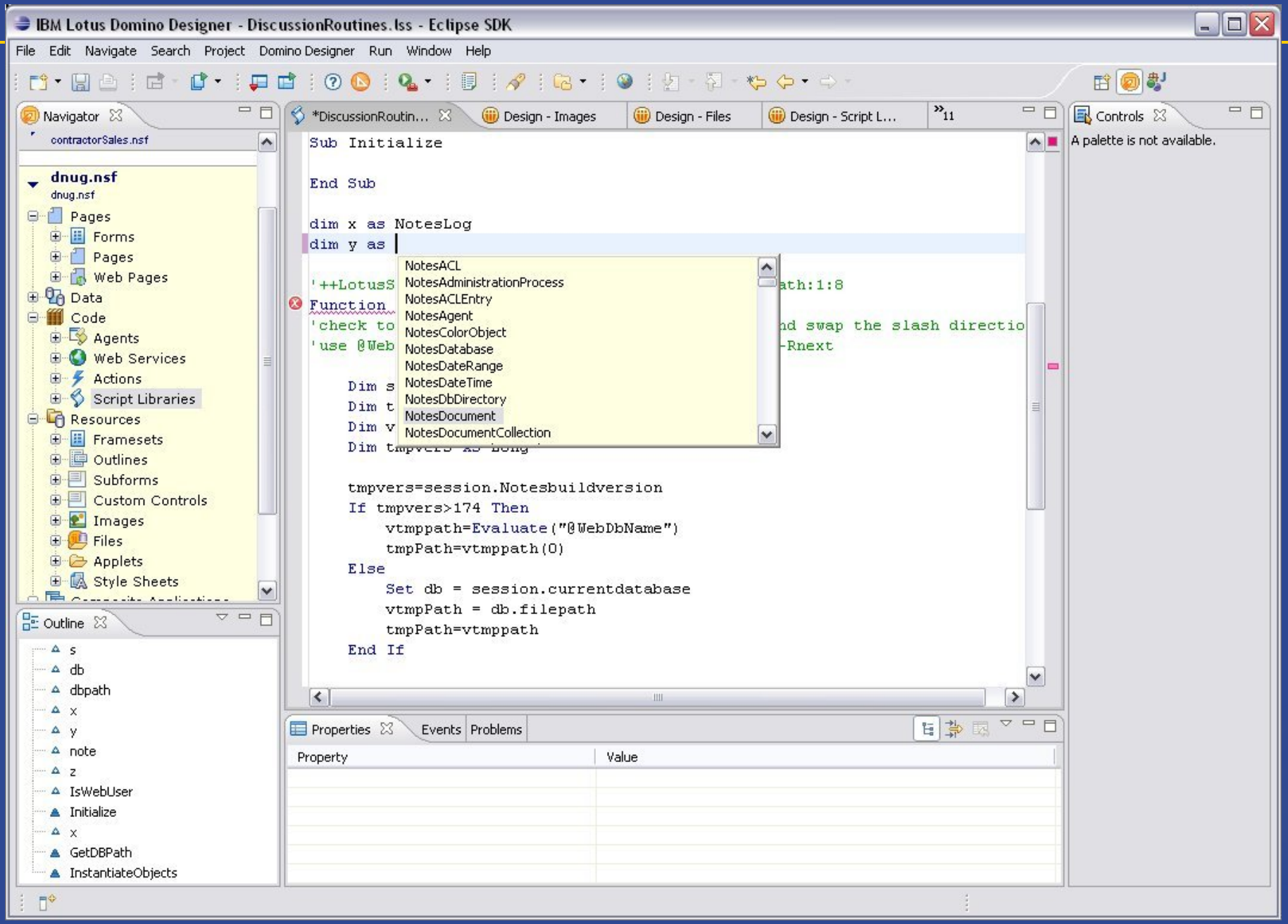
- Detect misconfigurations
  - Mistaken settings
  - Incorrectly published values
- Detect performance and security issues
  - Recommend best practice performance settings like "Don't overwrite free space"
- Reduce support costs
  - Support can use DCT to provide initial assessment
  - Administrators can perform self-assessment

Modernising Domino web applications

- Updated HTTP server
- True cascading style sheet support
- Eclipse-based Domino Designer
- Tools in new Domino Designer to easily implement Ajax and Dojo elements

Noticeable improvements…




IBM Lotus Domino Designer - DiscussionRoutines.lss - Eclipse SDK
File Edit Navigate Search Project Domino Designer Run Window Help
Navigator
contractorSales.nsf
dnug.nsf
dnug.nsf
Pages
Forms
Pages
Web Pages
Data
Code
Agents
Web Services
Actions
Script Libraries
Resources
Framesets
Outlines
Subforms
Custom Controls
Images
Files
Applets
Style Sheets
Outline
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y
note
z
IsWebUser
Initialize
x
GetDBPath
InstantiateObjects
*DiscussionRoutin...
Design - Images
Design - Files
Design - Script L...
11
Sub Initialize
End Sub
dim x as NotesLog
dim y as
NotesACL
NotesAdministrationProcess
NotesACLEntry
NotesAgent
NotesColorObject
NotesDatabase
NotesDateRange
NotesDateTime
NotesDbDirectory
NotesDocument
NotesDocumentCollection
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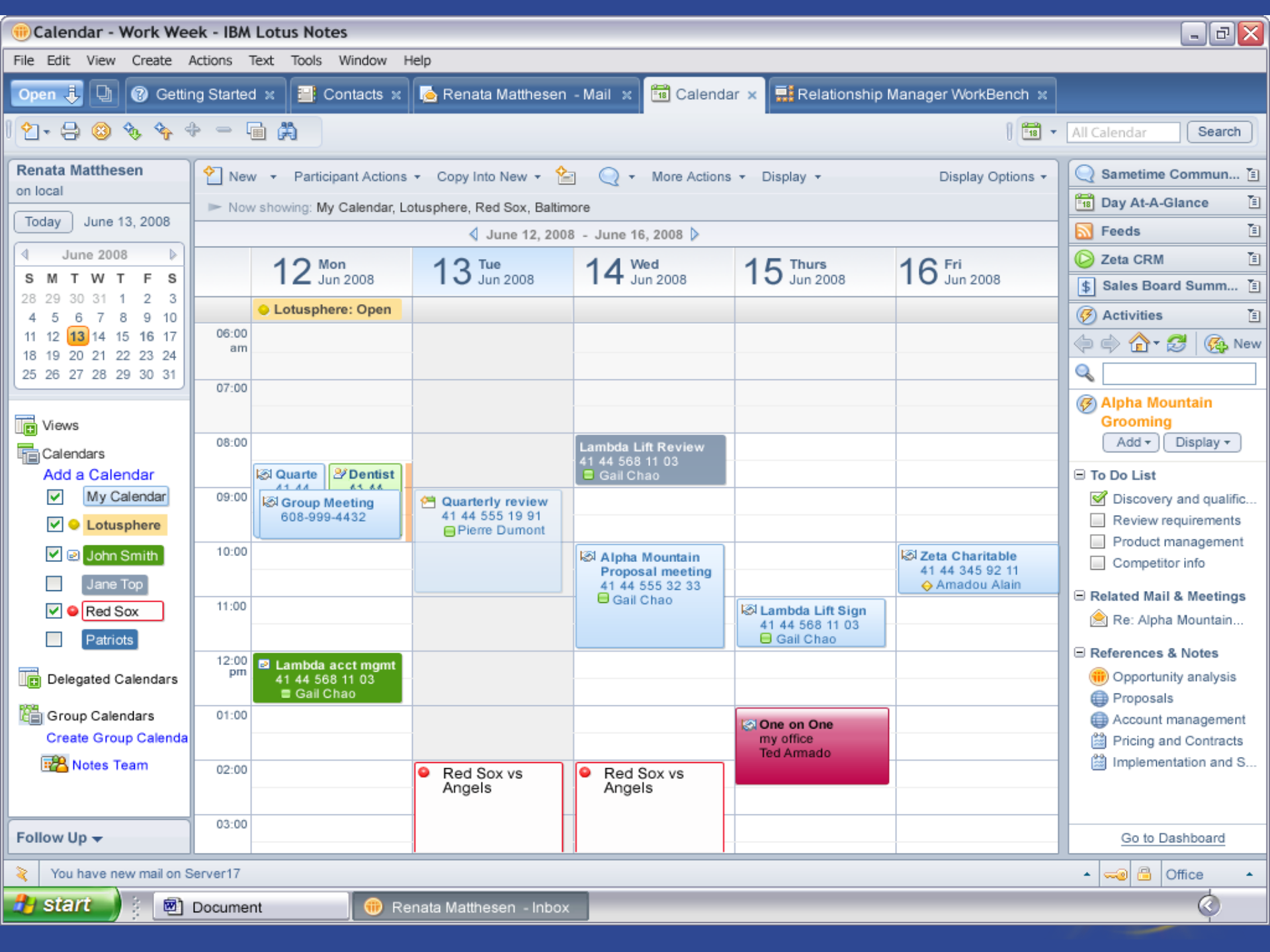
ath:1:8
Function
'check to
nd swap the slash directio
'use @Web
-Rnext
Dim s
Dim t
Dim v
Dim tmpvers2 As Long
tmpvers=session.Notesbuildversion
If tmpvers>174 Then
vtmppath=Evaluate("@WebDbName")
tmpPath=vtmppath(0)
Else
Set db = session.currentdatabase
vtmpPath = db.filepath
tmpPath=vtmppath
End If
Properties
Events
Problems
Property
Value
Controls
A palette is not available.

Notes 8.5 - focus on further improvements from Notes 8

- Release focus on usability & reliability
- Features:
  - Show through calendars
  - iCal subscriptions and interoperability
  - Journal user interface update
  - Return of optional Notes selection model
- Simple and effective meeting workflow
- Improved roaming user support
- General availability of Notes 8.5 for Macintosh 10.5 (“Leopard”) and Ubuntu Linux clients


Calendar - Work Week - IBM Lotus Notes
File Edit View Create Actions Text Tools Window Help
Open
Getting Started
Contacts
Renata Matthesen - Mail
Calendar
Relationship Manager WorkBench
All Calendar
Search
Renata Matthesen
on local
Today June 13, 2008
June 2008
S M T W T F S
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
Views
Calendars
Add a Calendar
My Calendar
Lotusphere
John Smith
Jane Top
Red Sox
Patriots
Delegated Calendars
Group Calendars
Create Group Calenda
Notes Team
Follow Up
New
Participant Actions
Copy Into New
More Actions
Display
Display Options
Now showing: My Calendar, Lotusphere, Red Sox, Baltimore
June 12, 2008 - June 16, 2008
12 Mon Jun 2008
13 Tue Jun 2008
14 Wed Jun 2008
15 Thurs Jun 2008
16 Fri Jun 2008
Lotusphere: Open
06:00 am
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11:00
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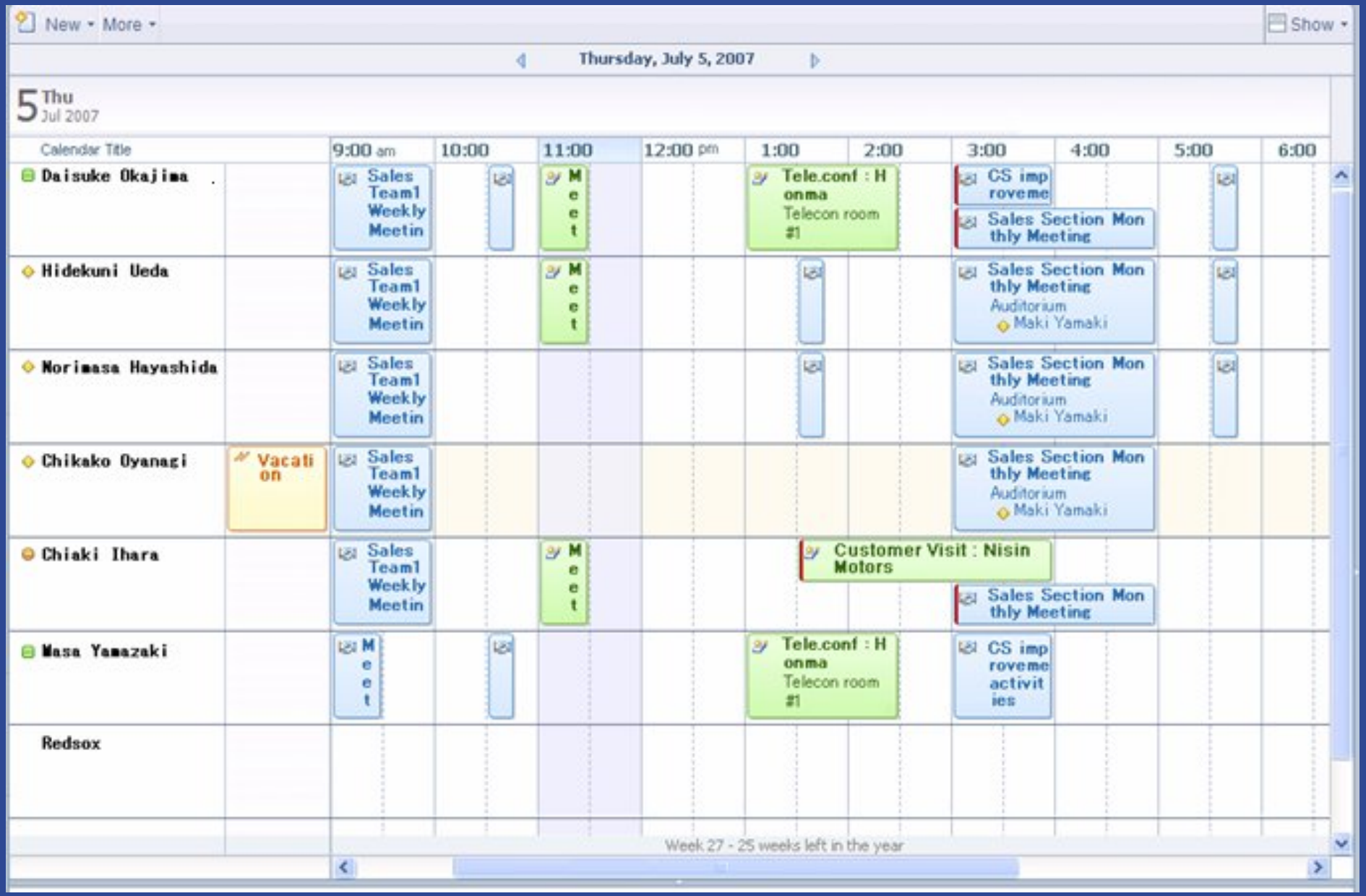
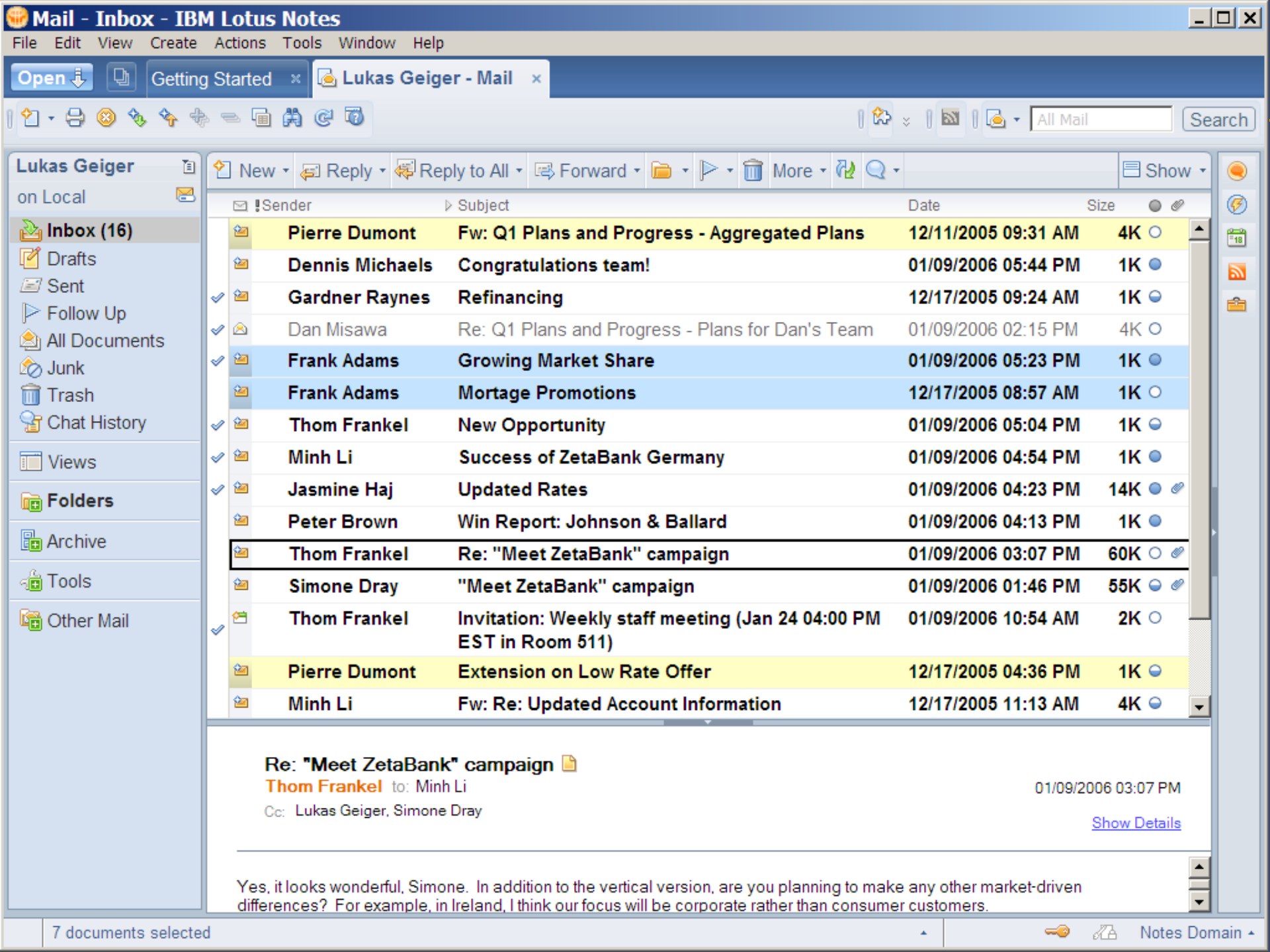
Quarte
Dentist
Group Meeting
608-999-4432
Lambda Lift Review
41 44 568 11 03
Gail Chao
Quarterly review
41 44 555 19 91
Pierre Dumont
Alpha Mountain
Proposal meeting
41 44 555 32 33
Gail Chao
Zeta Charitable
41 44 345 92 11
Amadou Alain
Lambda Lift Sign
41 44 568 11 03
Gail Chao
Lambda acct mgmt
41 44 568 11 03
Gail Chao
One on One
my office
Ted Armado
Red Sox vs Angels
Red Sox vs Angels
Sametime Commun...
Day At-A-Glance
Feeds
Zeta CRM
Sales Board Summ...
Activities
New
Alpha Mountain Grooming
Add
Display
To Do List
Discovery and qualific...
Review requirements
Product management
Competitor info
Related Mail & Meetings
Re: Alpha Mountain...
References & Notes
Opportunity analysis
Proposals
Account management
Pricing and Contracts
Implementation and S...
Go to Dashboard
You have new mail on Server17
Office
start
Document
Renata Matthesen - Inbox

Group calendar – 1 day view




Mail - Inbox - IBM Lotus Notes
File Edit View Create Actions Tools Window Help
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Getting Started
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Search
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Inbox (16)
Drafts
Sent
Follow Up
All Documents
Junk
Trash
Chat History
Views
Folders
Archive
Tools
Other Mail
New
Reply
Reply to All
Forward
More
Show
Sender
Subject
Date
Size
Pierre Dumont Fw: Q1 Plans and Progress - Aggregated Plans 12/11/2005 09:31 AM 4K
Dennis Michaels Congratulations team! 01/09/2006 05:44 PM 1K
Gardner Raynes Refinancing 12/17/2005 09:24 AM 1K
Dan Misawa Re: Q1 Plans and Progress - Plans for Dan's Team 01/09/2006 02:15 PM 4K
Frank Adams Growing Market Share 01/09/2006 05:23 PM 1K
Frank Adams Mortage Promotions 12/17/2005 08:57 AM 1K
Thom Frankel New Opportunity 01/09/2006 05:04 PM 1K
Minh Li Success of ZetaBank Germany 01/09/2006 04:54 PM 1K
Jasmine Haj Updated Rates 01/09/2006 04:23 PM 14K
Peter Brown Win Report: Johnson & Ballard 01/09/2006 04:13 PM 1K
Thom Frankel Re: "Meet ZetaBank" campaign 01/09/2006 03:07 PM 60K
Simone Dray "Meet ZetaBank" campaign 01/09/2006 01:46 PM 55K
Thom Frankel Invitation: Weekly staff meeting (Jan 24 04:00 PM EST in Room 511) 01/09/2006 10:54 AM 2K
Pierre Dumont Extension on Low Rate Offer 12/17/2005 04:36 PM 1K
Minh Li Fw: Re: Updated Account Information 12/17/2005 11:13 AM 4K
Re: "Meet ZetaBank" campaign
Thom Frankel to: Minh Li
Cc: Lukas Geiger, Simone Dray
01/09/2006 03:07 PM
Show Details
Yes, it looks wonderful, Simone. In addition to the vertical version, are you planning to make any other market-driven differences? For example, in Ireland, I think our focus will be corporate rather than consumer customers.
7 documents selected
Notes Domain

Thank You

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