INV102
Future Directions for IBM Lotus Notes and Domino Products
Agenda

- Notes and Domino in the marketplace
- Highlights of Notes/Domino 8.5 release
- Current Notes/Domino family products and offerings
- Future concepts, directions, and plans for Notes/Domino family products
- Resources
- Q&A
Basic facts and figures: IBM's Notes/Domino business

- Over 145 million cumulative licenses sold for Lotus Notes
- Over 12,000 new customer organizations since we shipped Lotus Notes and Domino 8
- The number of active maintenance end-user seats for Lotus Notes/DWA clients has been increasing Y2Y -- **our active installed base is growing**
- Overall, the Notes/Domino business has grown year-to-year in the last 16 quarters, with the cumulative growth rate exceeding 25%
  - Our investment in Notes/Domino is reflective of this growth
- IBM have over 800 people working on Notes/Domino products in our labs – a significant financial investment in R&D, with comparable investment in sales and marketing
- Lotus Notes and Domino are supported by over 10,000 IBM Business Partners worldwide, with thousands of integrated solutions built on the Notes and Domino platform
Consistent pattern of frequent Notes/Domino releases

September, 2002: Notes and Domino 6

September, 2005: Notes and Domino 7

August, 2007: Notes and Domino 8

January 6, 2009: Notes/Domino 8.5

September, 2003: Notes and Domino 6.5

October, 2006: Notes and Domino 7.0.2

February, 2008: Notes and Domino 8.0.1
Notes/Domino 8 upgrades ahead of historical trend
Notes/Domino Ecosystem

- OpenOffice.org
- LinkedIn
- Nokia
- SAP
- Samsung
- Citrix
- RIM
- Google
- Eclipse
- TripIt
- Jumble
- Red Hat Linux
- Lotusphere
“But the application I'm speaking of has been doing most of these things since the early 1990s; in fact, in many ways it's the forefather of the modern Web 2.0 applications. The application I'm talking about is Lotus Notes. While some may think of Notes as an application of the past, it is still a popular and often-used messaging and collaboration system, especially in large enterprises. ... 

With Lotus Notes and Domino 8.0.2, it's clear that IBM isn't content to simply milk a legacy application with minor upgrades. This release of the Lotus collaboration platform includes a significantly upgraded client application, open customization and development options, and many links to Web 2.0-style collaboration and integration.”
Performance improvements accelerated rollouts...

- Laser-focus on performance in Lotus Notes 8.0.2
- Primary focus on Microsoft® Windows®, but work also done on Linux®
- Areas of attack
  - Cold Startup time – ~50% improvement in 8.0.2 vs. 8.0.1
  - Warm Startup time – ~75% improvement in 8.0.2 vs. 8.0.1
  - General responsiveness – ~15% improvement in 8.0.2 vs. 8.0.1
  - Memory/resource consumption – ~25% improvement in 8.0.2 vs. 8.0.1
- With more improvements in 8.5
  - ~7% improvement in warm startup and overall responsiveness in 8.5 vs. 8.0.2
- Citrix 32 bit and 64 bit
Lotus Notes seeks Apple cool

Lotus Notes, IBM’s strait-laced enterprise email and collaboration software, donned a black turtleneck today with the launch of its first version for the Mac.

The announcement at Macworld was aimed at adding a little of Apple’s nano-chromatic colour to what has been considered a grey product and at emphasising some unexpectedly up-to-date features.

“Our reason for doing this at Macworld is to show that we can be part of a play in the enterprise that can be hip and cool,” Ed Brill, Lotus’s director or messaging and collaboration, told me.
Lotus Notes 8.5 – Top ten improvements

10. Drag/Drop of Text within Rich Text Editor
9. Offline support for Activities
8. Choose from multiple addresses for a person in typeahead
7. Ability to make your own views look like the PIM views
6. Forward contact as vCard (along with better import/export)
5. iNotes improvements (e.g. Calendar support in Lite mode)
4. Roaming user available with new file-based option
3. Support of Lotus Notes ID Vault and Lotus Notes Shared Login
2. MAC and Ubuntu Linux Support
1. Calendar Federation
Lotus Domino 8.5 – Top ten improvements

10. Notes Shared Login
9. Notes ID Vault
8. Document compression (introduced in 8.0.1 as well)
7. LZ1 compression inside databases
6. Domino Attachment and Object Service (DAOS) + I/O improvements
5. Transaction log improvements (up to 50% CPU reduction)
4. Domino router enhancements
3. Domino Configuration Tuner
2. Domino Designer in Eclipse
1. Xpages
$1,430,206 in annual TCO savings (a 30% reduction) through centralization, server reduction and modernization of Lotus Notes and Domino Software.

- **Reduced System Management "FTE" Costs**
  - Annual TCO Savings $1,100,000

- **Reduced Hardware "Servers" and Data Storage Costs**
  - Annual TCO Savings $213,986

- **Reduced Data Center Operation Costs**
  - Annual TCO Savings $116,220

- **Reduced Collaboration Software Costs**
  - Annual TCO Savings $??

- **Reduced "Office" Software Costs through Lotus Symphony**
  - TCO Savings $21,000,000
8.5 Application Development Themes

- Provide developers with a modern development tool IDE
  - Do for developers what Notes 8 did for end users
    - Improve usability and productivity
    - Address various developer pain points from previous versions
  - Attract new developers to the platform

- The Web Has Never looked better
  - Allow developers to build attractive, modern web apps that leverage Web 2.0 technologies with less work
  - Provide means to incrementally update existing Domino Web applications
### Spectrum of IBM E-mail Offerings

<table>
<thead>
<tr>
<th>Rich client</th>
<th>On Premise</th>
<th>SaaS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notes</td>
<td>Notes</td>
<td>LotusLive Notes</td>
</tr>
<tr>
<td>Browser client</td>
<td>iNotes</td>
<td>LotusLive iNotes</td>
</tr>
</tbody>
</table>

**Fully integrated and interoperable**

*Current licensing approach continues: Rich client users entitled to use browser-based access (iNotes)*
"IBM Lotus Gets Into The Hosted Email Game. Phew." -- Forrester Research, October 2008

1. Existing Notes customers that want to move email for some employees into the cloud. This "domain splitting" solution lets you keep the high-intensity users on-premise and offload the low-intensity users to someone else.

2. New customers looking to go with IBM and not Microsoft. IBM Lotus has many other collaboration products and plans to extend its cloud-based collaboration services way beyond email and calendaring. So get started with messaging and add instant messaging and other collaboration services as they come online down the road.

3. Cash-constrained customers that want to move to the latest version of email. The two real advantages of cloud-based collaboration services are: 1) the pay-as-you-go pricing model, which keeps money in the bank and assets off the balance sheet; and 2) the offloading of administration and maintenance hassle that consumes so much of the IT budget.

Lotus software
Future Directions
Current post Lotus Domino 8.5 plans

- Near term focus - 3 I's of an ecosystem
  - Infrastructure – enablers for deployment, foundation/stack
  - Integration – broaden ecosystem with partners and customers
  - Improvement – functional enablement
Infrastructure
Current post Lotus Domino 8.5 plans

- Directory Independence
- Services APIs
- DAOS expansion
- DCT expansion
- SPNEGO (SSO between IIS and Domino Web Server)
- Notes Client
  - File Server based roaming on Mac and Linux Notes Standard clients
Hosting Solutions

- Domino Development - contributing to and harvesting from Lotus Live

- Drive development contributions to On-Premise
  - Best Practices
  - New feature development delivered in Domino
Translation improvements for template
Simplify customer translations through property files.
What are we deploying with the Catalog?

- Eclipse Feature and Plug-ins – Global Add-On
Extending email and collaboration to mobile workers

Email, contacts, agenda, presence, and instant messaging

Lotus Notes Traveler updates
- Symbian
  - Nokia S60 Client updates (as part of 8.5.1)
    - Device security management
    - Encrypted email support
    - HTML/Domino email support
  - Samsung Symbian support
- ActiveSync
Integration
Alloy – The Road ahead

- Working w/ Design Partners to determine the functionality that will be included in the next releases

- Currently Under Investigation:
  - Sales Manager Role
  - Extension of Employee and Manager Role
    - Time Recording
    - Advanced BI capabilities
    - Extension of the Workflow pattern
  - Integration of additional Lotus Capabilities, for example
    - IBM® Lotus® Symphony®
    - IBM® Lotus® Connections®

Lotus® software
Alloy Scenarios

Report Management
Give users information to make good decisions

Leave management
Manage vacation from your Notes calendar

Travel Management
Request, review and approve trip details quickly

SAP
Lotus software
LinkedIn brings the power of your professional network into your Inbox

- Seamless integration and access to Network Updates, Profiles, People Search, and more
- LiveText integration for context sensitive search
- Up to date information for your business contacts results in smarter collaboration
- Will be available as a plug-in for Lotus Notes and a Component for building Composite Applications

“Business productivity is now a function of how effectively you can find, connect and collaborate with people and information you can trust.”
Domino Designer

● New Editors
  ● A new Eclipse-based LotusScript editor
  ● A new Eclipse Java editor

● Xpages continues
  ● Performance improvements
  ● Designer Usability improvements
    ● New XPages dialog
    ● Working sets
    ● Finishing touches – some little things...
  ● New out of the box XPages Controls to expand capability
    ● Outline – Menu bar – Tool bar
    ● Tag cloud
    ● Popup Dialog, using the Dojo library
  ● Xpages Data Sources – XML, Rest, SOAP, Relational

Lotus software
Domino Web Applications

- **Lotus Mashups** -
  - With help of new Widget design element
  - Wraps an XPage and defines any input properties, output events, or widget parameters

- **xPages on Rich Client**
  - Run as regular design elements or within a composite application
    - Components share their definition/behavior with iWidgets
    - Deals with property broker and Eclipse events (selection...)

- **xPages on Mobile**
Composite Apps

No WSDL

Side Bar Integration Wire to & from components on left and right sidebars

Default Page Navigator

Live Text integration
Composite Apps Containers

- Web Browser Container to Excel container
- Notes and Symphony Containers
- Host on Demand Container with Web container
Pro BTP - COMET to Lotus Notes

COMET is an Eclipse RCP application developed by PRO BTP, a French social assurance company

- COMET has a very specific look and feel, designed to closely meet the business needs of ProBTP users
- When integrating COMET inside Lotus NOTES, the same “look and feel” needs to be preserved
Improvement
Improvements for the End User – “Notes 9”

- Improve Search -Total Recall; simplified way of finding things more easily
- Group Calendar
- Intelligent subscription of feeds within mail inbox
- Archiving
  - Unification of user experience for local and server based archiving
  - Simplify deployment of server based archiving (4 days to 2.5 hours)
- Work with others more seamlessly – Contacts and Mail Federation
- Track work more efficiently – Unified Task Management

- DEMO!!
Productivity enhancements coming soon

- See sessions from Jim Marsden/Ram Krishnamurthy ID102 for Mail / PIM features
  - Accept/decline meetings from inbox preview
  - Drag e-mail to calendar to schedule meeting
  - Drag and drop rescheduling of meetings, to day-at-a-glance
  - Easier inclusion of vCard in e-mail signature
  - Right click to empty trash in navigator

- Will be available in product in 2009
Detailed roadmap for iNotes

Lotus iNotes 8.0.2
- Ultra-light mode (iPhone/iPod Touch)
- 8.0.1
  - Lite mode (optimized for low bandwidth usage scenarios)
  - Citrix 4.5 support
  - Message recall
  - "Keep Private" message marking
- 8.0.0
  - Updated User Interface
  - Feed enabled mail files (RSS/ATOM)
  - Single shared mail template with Lotus Notes (Mail8.ntf)
- Preview Pane
- Client performance improvements
- WPS integration improvements

Lotus iNotes 8.5
- Policy driven feature enablement
- Ultra-light mode – mobile browsers/accessible
- Safari browser support
- Managed tabs/sidebar for Full mode
- Quickr integration
- Extensions via Widgets
- Overlayed calendars

Lotus Domino Web Access “Beyond”
- Instant Messaging improvements
- Welcome Page updates
- Live Text support
- Further customization enhancements

Lotus iNotes “Next”
- Folder unread counts
- Auto refresh views
- Attachment viewers
- Ultra-light improvements
- Notes ID vault
- Preview pane actions

Note: Detailed feature timing information is subject to change.
Resources


• Notes 8 training materials at ibm.com/developerworks/lotus/notes

• Notes/Domino 8.5 now available at ibm.com/lotus/notessanddomino

• Access all Notes/Domino-related bloggers at www.planetlotus.org

• Visit Ed's weblog at www.edbrill.com
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