Web 2.0 Goes to Work

Brendan Tutt

Portal & Connections Business Leader Lotus UK , Ireland & South Africa

With Derek de Clercq On Keyboards





Agenda

Web 2.0 oh no not again! Technology Deployment The end of Alt+Tab? "Socialist Networking" for the good of the ma





Web 2.0 Reality not Hype

"Rhodin has assembled the complete set of what we would now call enterprise 2.0 software – tools to tap in the combined heat and energy surrounding social networking, unified communications, collaboration and SOA. All the buzzwords a CEO or CIO could wish for"

Ovum

- If Lotus can tap into the web 2.0 zeitgeist and harness the present wave of collaboration tools visible on the internet in a way that can be rolled out to corporate customers then it will be the undisputed leader of the next wave of corporate technology.
 - UK, Information World Review, 25.01.08, IBM/Lotus struts its stuff





A Quick Primer – A set of Principles, Technology, or the way the Web is ?

Tim O'Reilly – Principles of Web 2.0

http://www.oreillynet.com/pub/a/oreilly/tim/news/2005/09/30/what-is-web-20.html

Tecnology

- Semantic Tagging
- PHP
- REST
- AJAX
- RSS
- Atom
- > XML
- Flex

Lotus.

Microformats

The Web Today

- Publishing
- Rating
- Sharing
- Consuming
- Opinion
- Mass Collaboration





Ah but that's the Web it's not real !!

Part 1: It's about the technology (well sort of)

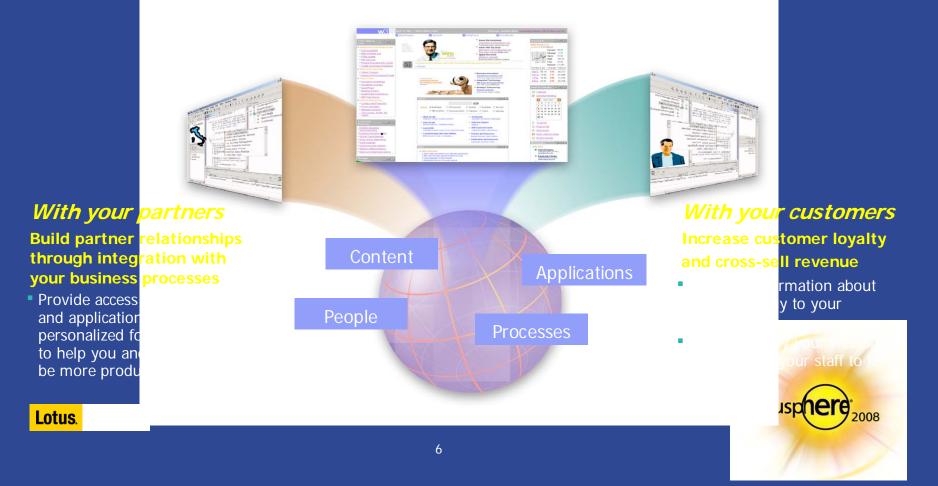




Aggregation, Integration & Personalisation

Within your organization - Improve efficiency and productivity of your staff

- Provide a single access point to all the data an employee needs to do their job.
- Keep teams and employees connected with instant messaging and presence awareness capabilities
- Allows individuals and teams to work on documents using enhanced document management capabilities that integrate with the tools you already use

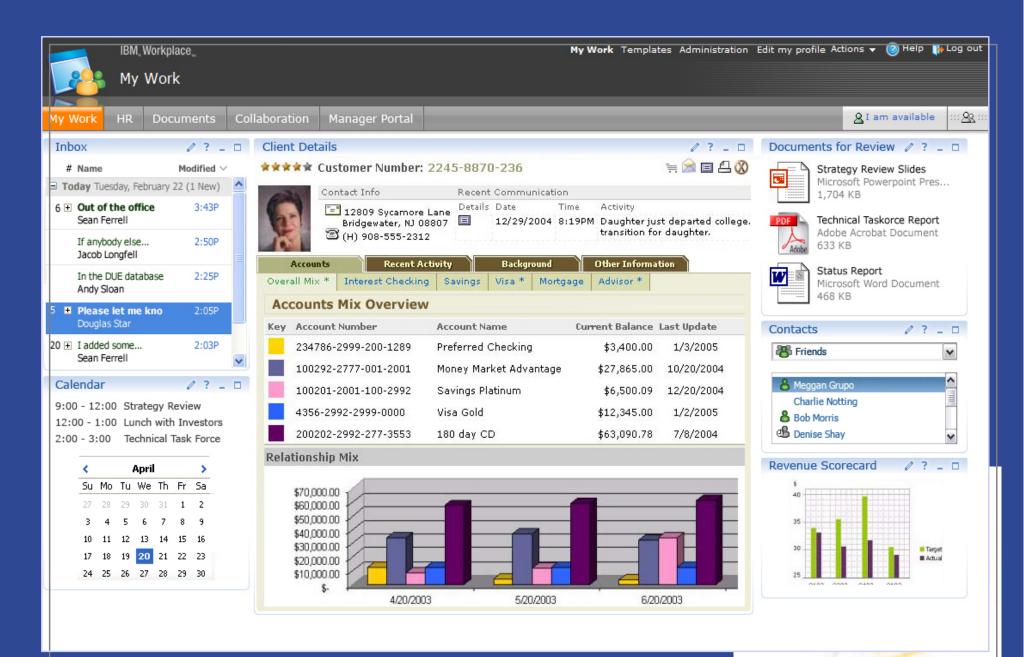


Today, many people work like this...

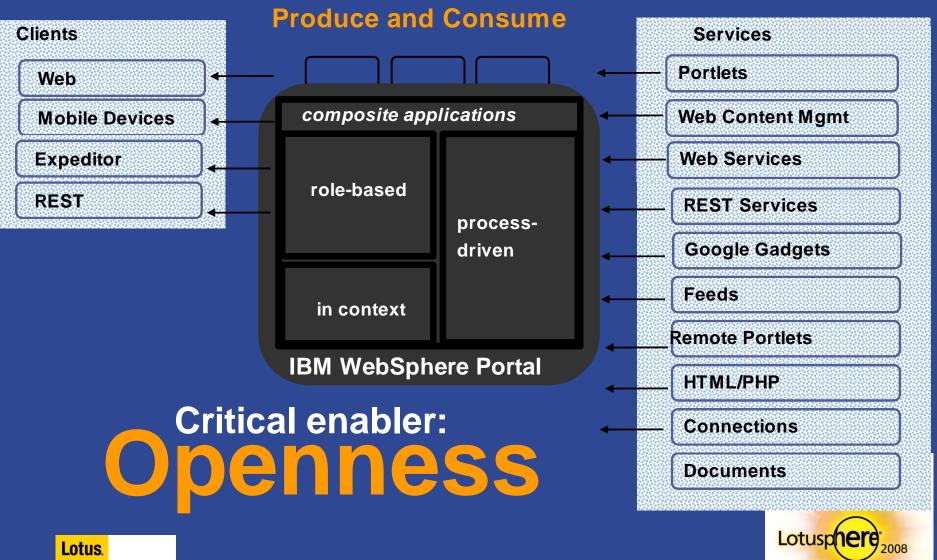
Address Address Interior Address Addre		
rie <u>Q</u> TV <u>W</u> indow <u>I</u>	🗳 Outlook Express	
Image: Search Image: Search Image: Search	File Edit View Tools Message Help Image: Create Mail Im	
is Same 🛛 🔂 Marketing Board	Folders × Control Control Content Control Content Sooft PowerPoint - [Working Deck.ppt] Image: Content of the content	Employee-facing registry content - Microsoft Interpose File Edit View Favorites Tools Help File Edit View Favorites Tools Help Search
Meeting June Files Help October November dmars Product Content dougl PvC Pitches dougl Sales Tickets, Hotels, Car Rentals, T Yes 8 Xes		Address Address https://w3-03.ibm.com/hr/americas/om/psp/omint, Google - Search Web Expertise Profile Home Please complete the following two sections of your Expe
Image: start		Work 97% - % 11:25 PM Q Lobus Monday Monday

Dynamic Working Environments Bring Resources to the User

Focusing their attention on the task at hand



WebSphere Portal V6.1



Standards based access to integration and innovation

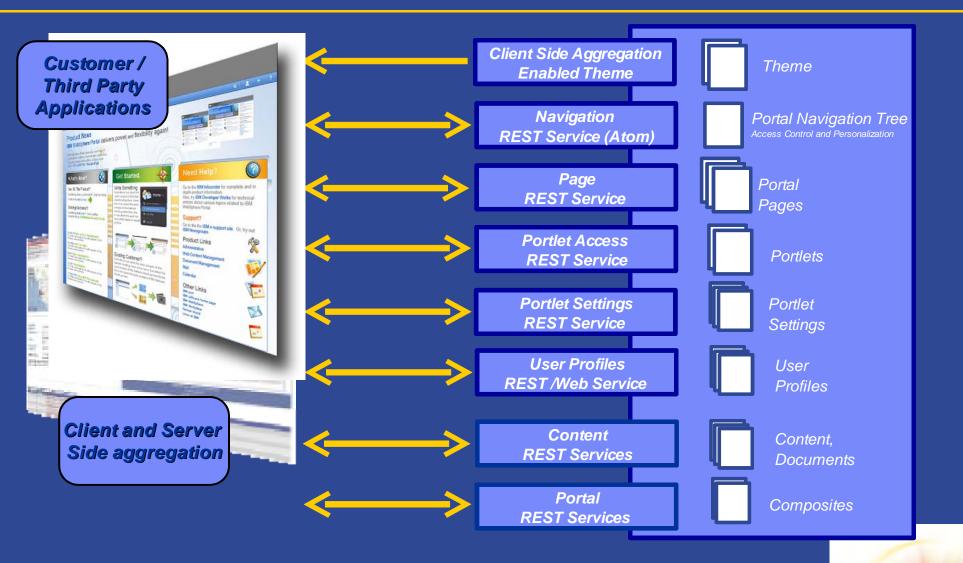
Web 2.0 support

- REST Services open up portal for mashup applications services for server persistence, portlet settings and user profile access to simplify Web 2.0 application development
- AJAX Portlet Programming Model Extensions based on Dojo + IBM Extensions
- Client Side Aggregation and Customization using REST Services for better UX and improved performance
- AJAX Client Side Feed Consumption to enable highly efficient integration of information through feeds (Atom and RSS)
- Semantic Tags to allow smart markup to enable value add by portal, e.g. dynamic menus
- Client Side C2A/Property Broker and Drag & Drop based on Semantic Tags integrated with server side property broker and C2A support to enable cross-portlet interaction locally in the browser as well as with server side code
- Sample AJAX Portlets with source exploiting the new capabilities to demonstrate and give samples are providing a jumpstart for you.



Lotus.

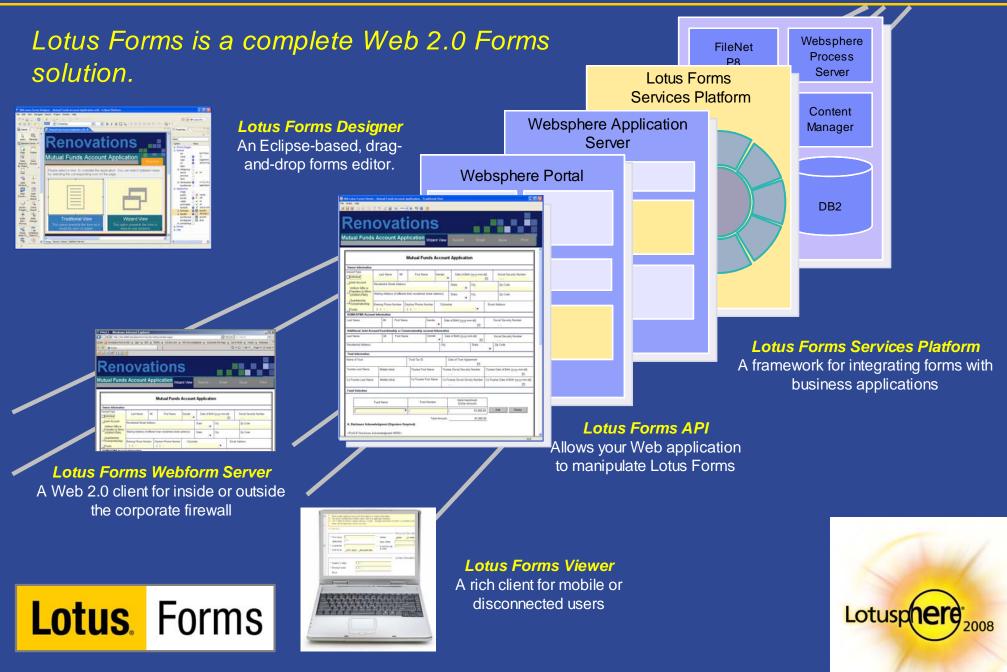
Web 2.0 Portal Vision - Open Architecture Client Side Aggregation and Open REST Services





Lotus.

What is Lotus Forms?



Why Lotus Forms?



 A forms-based human interface for business process automation and SOA

- ✓ Deploys without the expense of client software
- ✓ Works with IBM's *industry-leading BPM* technology
- ✓ Captures **complete and accurate data** at the source



 Uses portal and forms technology to provide *a single point of contact* for customers and partners

Agility

Customer Service

- ✓ Helps develop new applications quickly and easily
- ✓ Facilitates business-to-business commerce using industry standard data formats

✓ Eases *regulatory compliance* by creating complete, auditable transaction records



Mariel []Degis []Deniel []V

renovations

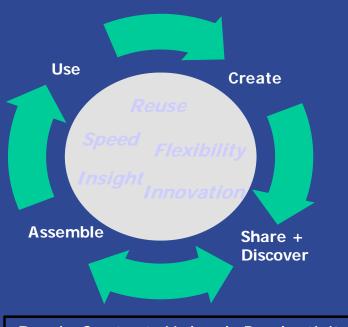
- RENOVATIONS

- RENOVATIONS

polovee Personal Data For

Introducing Lotus Mashups

Lotus Mashups provides the simplest and fastest way to assemble enterprise and Internet content into new web applications, unleashing productivity and supporting new insights.



Remix Content, Unleash Productivity

Lotus Mashups includes:

•A graphical, browser-based **tool** that supports easy, on-the-glass assembly of new applications by web-savvy business users.

• A Mashup **catalog** which supports sharing and discovery of mashup components, with built-in community features like ratings, tagging, commenting.

• A very lightweight **Mashup Server**, which can be hosted on a variety of platforms for added governance and IT control.

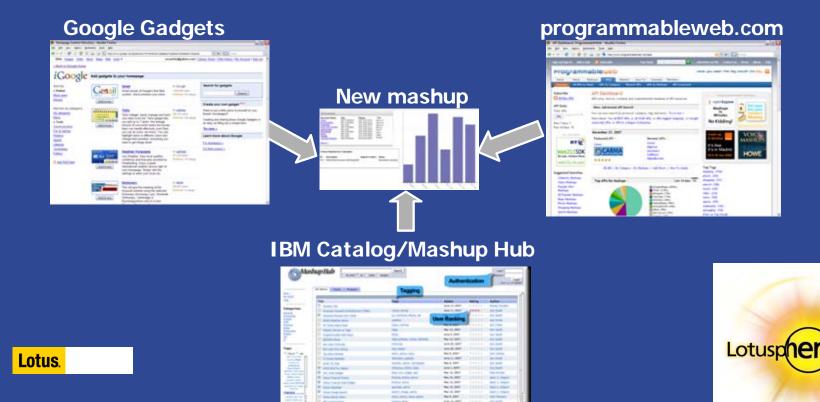
• A rich set of out-of-the-box, business-ready widgets.

Lotus.

Product release dates and/or capabilities referenced in these materials may change at any time at IBM's sole discretion be opportunities or other factors, and are not intended to be a commitment to future product or feature availability in a

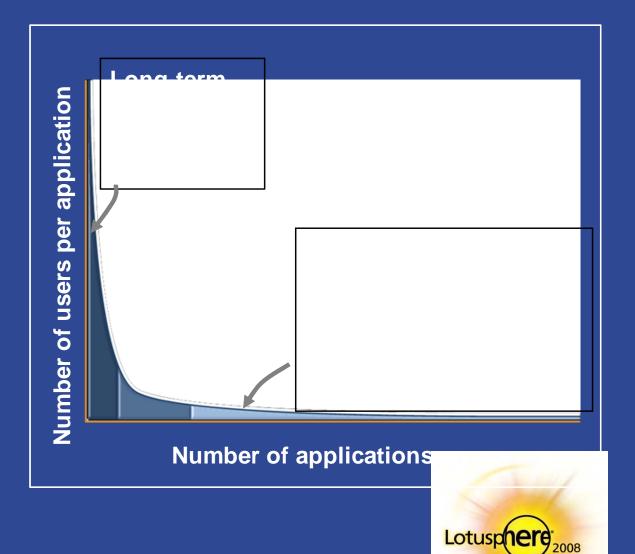
Faster, Cheaper Delivery of Applications

- Save time and money through reuse and lightweight integration techniques
 - > Sharing and discovery of internal content and data a key enabler
- Increase productivity
 - Lower skill sets needed to assemble new applications
 - Leverage the palette of widgets and APIs from across the web



Support Innovation and New Business Opportunities

- Unlocking valuable business data + supporting knowledge worker assembly opens up new business opportunities
 - Support ad-hoc business requirements
 - "Widgetize" data or services for use by customers + partners
 - Target niche markets
 - Expand ecosystem



Lotus.

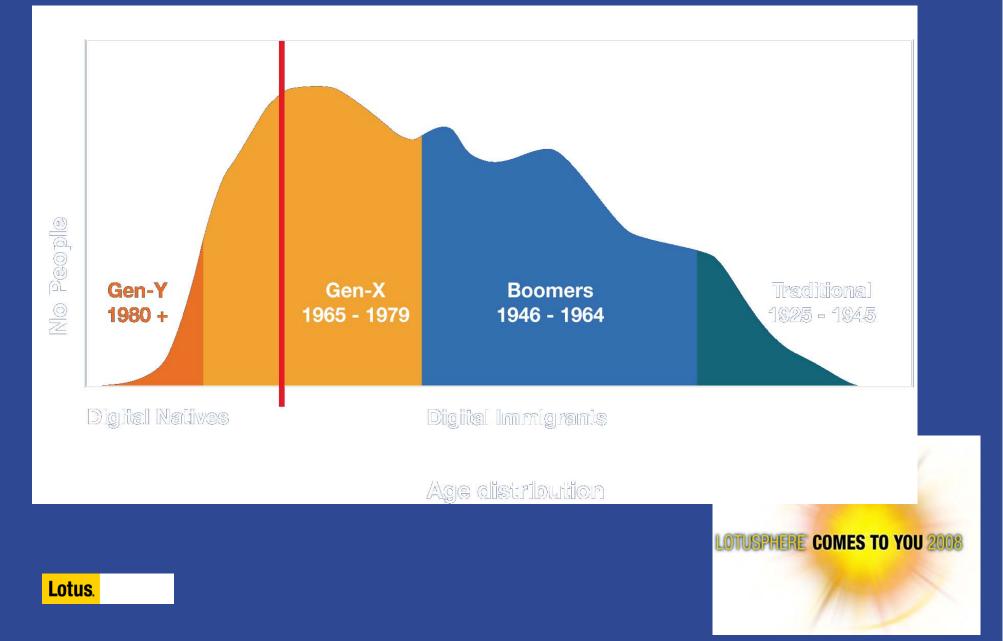
It won't change the way people work

Part 2: It's about Mass Collaboration (..Oh yes it will !!)

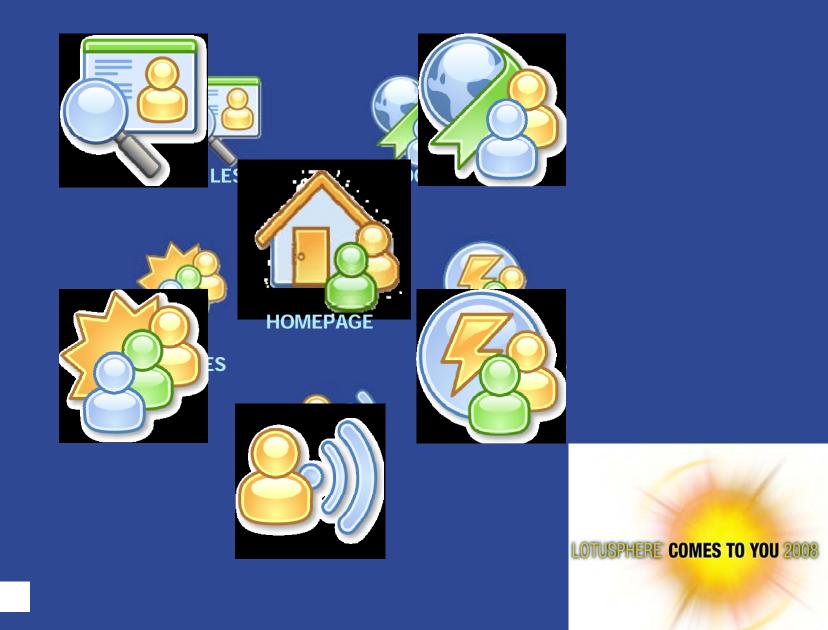




The Facebook Natives



Lotus Connections - R2



Lotus.

CONNECTIONS 2 FOCUS AREAS

	Attention Manageme		ition Aggregation
Profiles	Customization	Social Networking	Social Tagging
Communities	Discussion	App Integration	Membership Management
Blogs	External Blogs	Related Blogs	Popular Entries
Dogear	Unified Bookmarklet	Popularity Cou	nt Share & Notify
Activities			
Cross-Service	Search F	Ratings Notif	ications Metrics

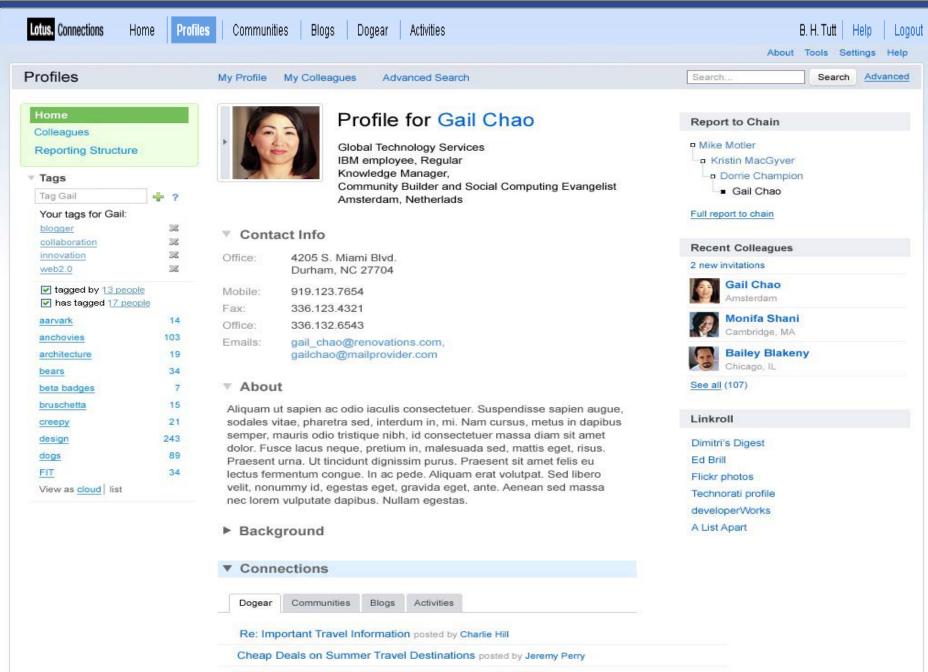
It's About People







Profiles – The Key to Social Networking



Re: Recommendations a travel agent? posted by Ethan Perry

...... People with Verifiable Skills





What They Have Found – Which Might Help You

Lotus. Connections Home	Profiles Communities Blogs Dogear Activities	Brendan Tutt Help Logout
Dogear	All Bookmarks Popular My Bookmarks My Watchlist My Notifications	Search Bookmarks
► Watchlist for Michael	Bookmarks for Michael Cangemi Add to Watchlist [?]	
▼Tags ⑦		8
٩	1 - 10 of 37 1 ◆2 ◆3 ◆4 Sort by: Date → Popular®y	Previous 🛛 🕹 Ilext
Tags for Michael Cangemi	Portal for Java Performance information (Sun) Michael Cangemi - Today 11:46 AM	show details
 ◆ 2.0 ◆ 2007 ◆ addresses ◆ administration ◆ airport ◆ ajax ◆ apache ◆ application ◆ article 	Java Tuning White Paper I Standard Cangemi - Today 11:41 AM	show details
 Application Values Ablog & book & boston Business & cluster & cnn community-centric 	J2SE 5.0 Performance White Paper Michael Cangemi - Today 11:40 AM	show details
 ♦ connections ♦ cool ♦ cuttingedge ♦ db2 ♦ design ♦ documentation 	Java Performance Tuning on Linux Servers Michael Cangemi - Today 11:38 AM	show details
♦ domino ♦ holiday-dates ♦ howto ♦ http ♦ ibm ♦ interesting ♦ java	Sum A Collection of JVM Options Michael Cangemi - 25 Mar	show details
∲javaee ∲journal ∲logan ∲magazine ∲march ∲march07 ∲mobile	A Hitch-Hiker's guide to Tomcat	show details
♦news ♦performance ♦picture ♦references ♦rest ♦saas ♦Security	Lotus Domino and Apache Tomcat - Single Sign On (SSO) Michael Cangemi - 5 Nov 2007	show details
 ♦ sites ♦ social-networking ♦ social-software ♦ ssl 	IT Strategy » SaaS	show details
 ◆ startups ◆tag-clouds ◆ techarticle ◆ technical ◆ technology ◆ tomcat 	Apache HTTP Server SSL/TLS Strong Encryption Michael Cangemi - 23 Oct 2007	show details
 ♦ toolbar ♦ tools ♦ travel ♦ web ♦ web2.0 ♦ web_2.0 ♦ websphere ♦ whatis 	 Securing Apache part 2: Step-by-Step Michael Cangemi - 23 Oct 2007 	show details
View as cloud ∣ <mark>❖ <u>list</u></mark>	Show \$10 \$25 \$50 items per page Jump to page 1 of 4	Previous Vent
▼ People ②	◆Atom Add to your site	

Frode Danielsen

Ted Stanton

Andy Legg

🕹 Alan Lepofsky

😍 Claudia Ortali

🗢 Curtis Ryan

Erasmus Tapera.

2

2

1

1

1

1

1

Their Thoughts and Guidance

Lotus. Connections Home	Profiles Communities Blogs Dogear Activities	Brendan Tutt Help Logout
Blogs	Browse Blogs My Blog My Recent Items	Search All Entries
Subscribe to Blog Entries Subscribe to Blog Comments	Governance for Social Software Blog Authors: ❖Larry Oglesby Sort By Date ✓ I Title Recommendations Comments Visits	Similar Blogs Archive
		Archive March 2008
	incidental purposes authorized by your management or by applicable guidelines. It is inappropriate to use company systems to visit Internet sites that feature sexual content, gambling, or that advocate intolerance of others. It is also inappropriate to use them in a manner that interferes with your productivity or the productivity of others. You are responsible to ensure that your use of company systems is appropriate; inappropriate use of company systems is a misuse of company assets. 2. Determining appropriate content for profiles Profiles are business tools that allow members of an organization to identify individuals and learn their area or expertise, their skills, and information about them.	
	 Skills, and information about them. To be most effective, profiles should be updated regularly. Your organization should determine what is appropriate for photographs/avatars used in profiles. Profiles with photographs/avatars that do not fall in line with your expectations of appropriate behavior should be removed from the system. If necessary, your manager will be notified in case of inappropriate content. Your manager, in turn, will discuss and resolve the issue with you. 	

8

Generally, profile content is largely business related but may have some personal skills or interests.

Building Focussed Communities



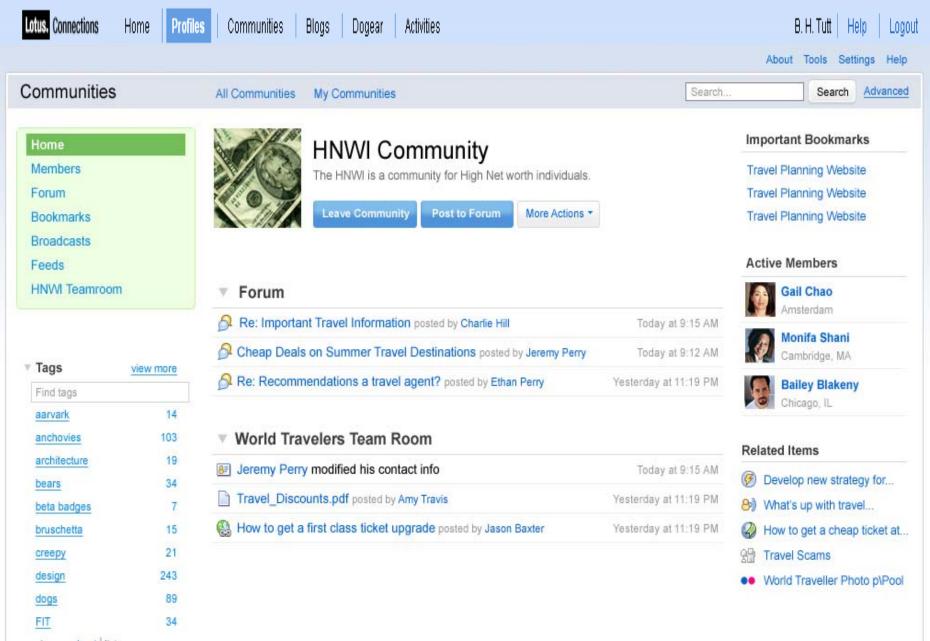








From Individuals to Communities



view as cloud list

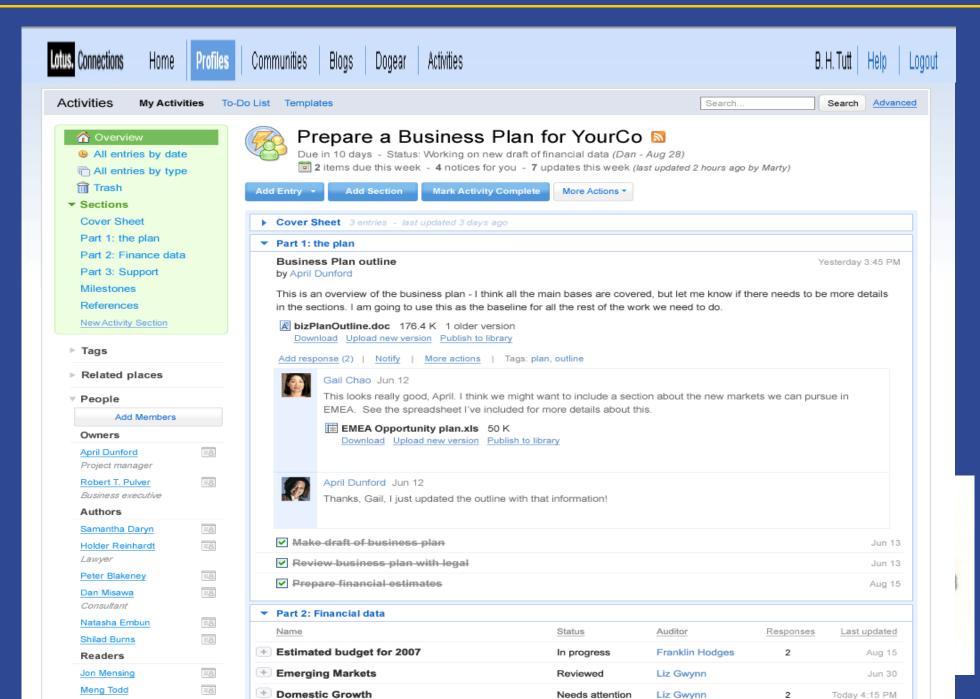
Using the People, Skills & Knowledge to Get Work Done



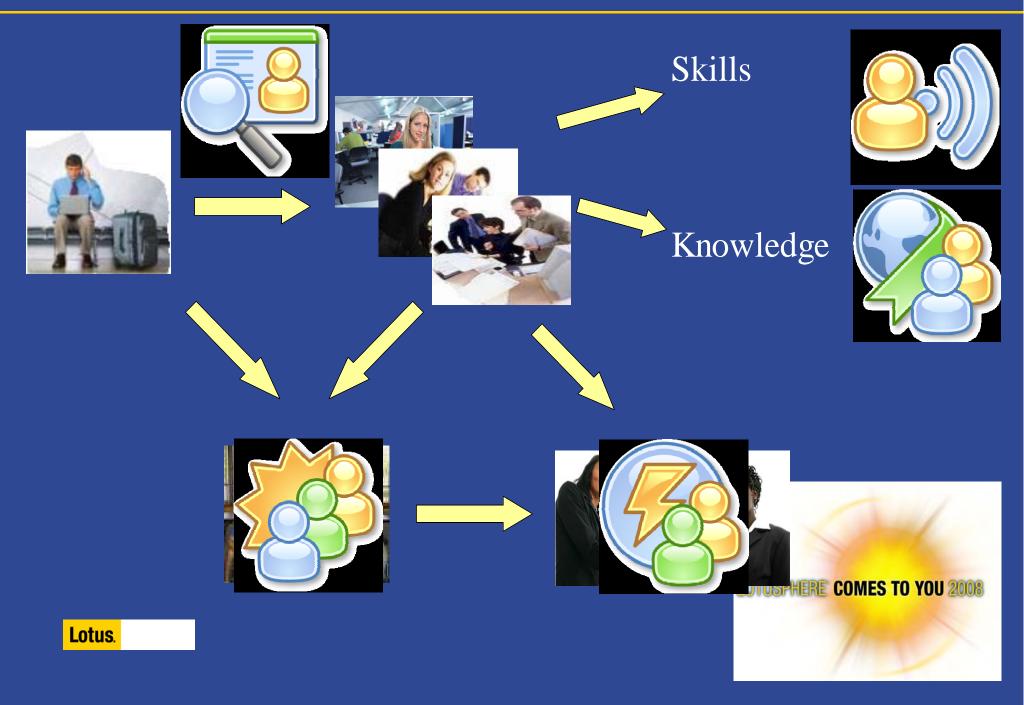
From People, Ideas & Knowledge to Activity

us. Connections Home Profiles	Communities Blogs Dogear Activities		B. H. Tutt Help Log
Activities My Activities T	o-Do List Templates	Search	Search Advanced
Start an Activity	Gail Chao's Activity Dashboard ₪ ▼ Activity Calendar		Last 10 updates
 Completed Activities Tuned Out Activities Trash Activity Sets High priority Medium priority Release 2 activities Personal New Activity Set 	1 2 1 5 notices for you 3 4 5 6 7 8 9 10 11 12 13 14 15 16		Charlie Hill added Lunar Module for Apollo 14 (9:45 PM) Charlie Hill added Osterman: Results of a Survey on Messagir Iss (9:30 PM)
	24 25 26 27 28 29 30 Reminders 31 Image: State of the sta		 Jonathan Feinberg added response to The Irvine Program Tran (9:10 PM) Casey Dugan added The Dogea
Public ActivitiesTags	My Activities	Sorted by date ↓	Game - Group 2007 Casey Dugan marked complete Make poster for The Dogear G Suzanne Minassian edited Goog
	1-25 of 200	Previous Next	ratings system Yesterday Charlie Hill added Enhancing productivity in artful business pro (9:45 PM)
Samantha Daryn Holder Reinhardt Bates Blakoaau	Update WPLC Architecture Board Last updated by Dan Misawa Due 3 days ago	Today 5:00 PM	Charlie Hill added Connect and Develop - Inside P&G's new m
<u>Peter Blakeney</u> <u>Dan Misawa</u> <u>Natasha Embun</u>	Plan pilot user study and kickoff Last updated by Samantha Daryn	Today 12:15 PM	Web2.0 patterns (9:45 PM) Charlie Hill edited Broken link bug (9:45 PM)
<u>Shilad Burns</u> Jon Mensing <u>Meng Todd</u>	Clarify adoption patterns for Q3 Updated by Gail Chao Due in 23 days	Today 9:15 AM	previous 10 updates >
view <u>all</u> most active	Site visit for YourCo Updated by Gail Chao Due in 23 days	Today 9:00 AM	
	Customer support for R3 feature 11178231 Updated by Gail Chao Due in 23 days	Yesterday 11:55 PM	

Activities R2

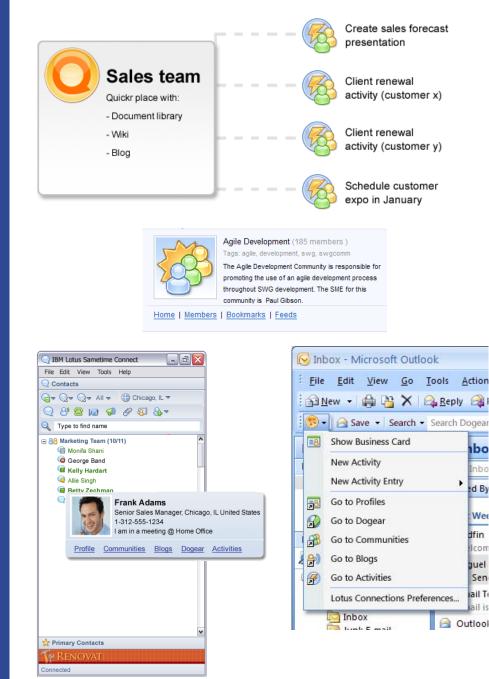


Lotus Connections – Social Networking for Business



CONNECTIONS FOLLOWS YOU

- Improve the ability to use and customize the Lotus Connections business card in other applications
- Allow Communities to leverage Lotus Sametime Advanced for real time collaboration
- Lotus Quickr integrated into Communities and Activities
- Microsoft Outlook integration
- Integration with other applications



Lotus.

Product futures are directional in nature and does not imply any product plan commitment on the part of IBM. Plans are subject to change at any time without notice.

LOOKING AHEAD













Research Areas for 2008 and Beyond

Recommendations

Visualization

Lightweight Business Processes

Reputation Building

Data Mining

Skills Development

Community Health

Personalization

Social Network Analysis

Business to Business

Ongoing Development Areas

Expertise Location Dire

Directory Integration

3rd Party Sources

Web2.0 Security

Extensions

Subscriptions & Alerts

ENTERPRISE 2.0

A de-formalization of the workplace

which harvests collective intelligence & the wisdom of crowds

by encouraging adoption through personal value,

connecting people to ideas, communities, work, and other people, across physical and organizational boundaries

and uncovering tacit knowledge, attitudes, and actions.

