

# LOTUS DAY 2009

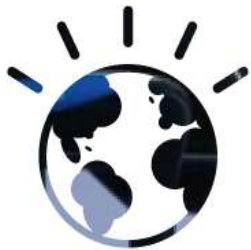
3 grudnia 2009 r., Warszawa

## Co nowego w pracy grupowej IBM LOTUS CONNECTIONS 2.5

**Rafał Danecki**

CEEMEA Community of Practice

Mobility, Rich Client Solutions, Connections & Forms Leader



# Agenda

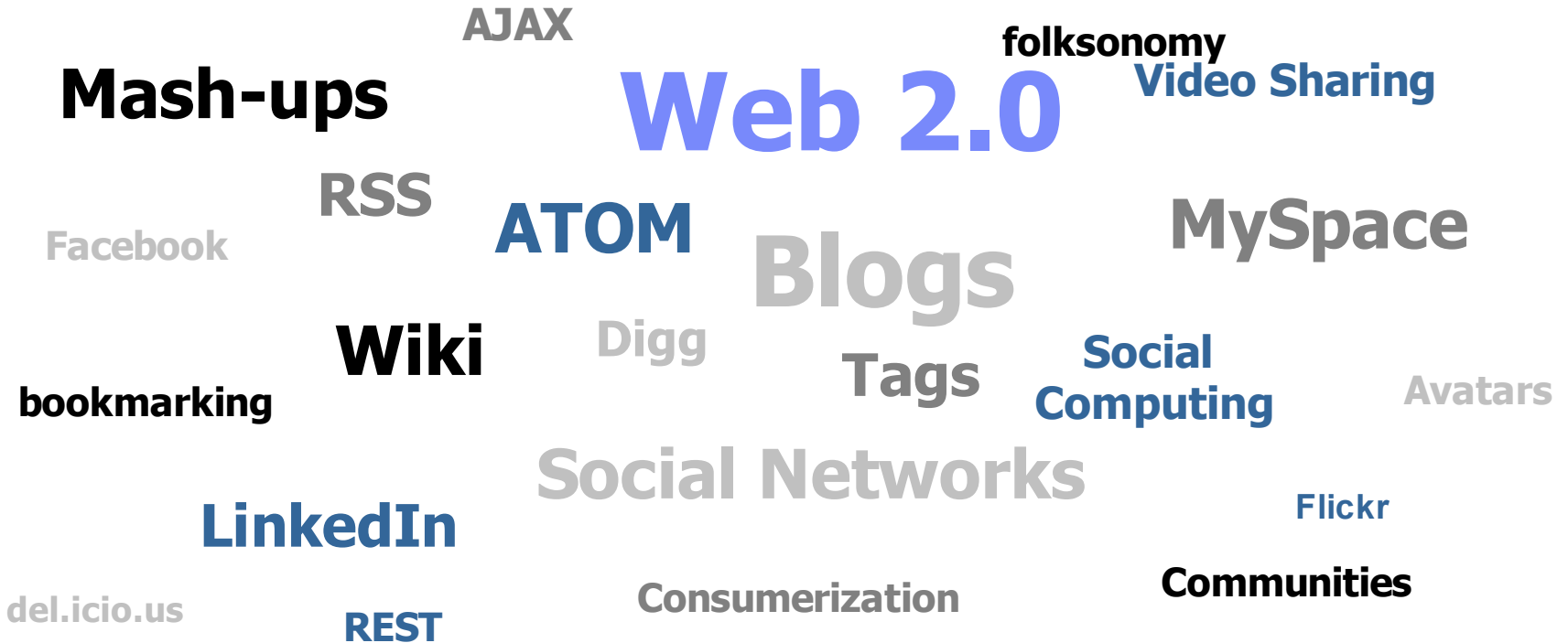
- Co jest naprawdę potrzebne w codziennej pracy grupowej?
- Czym jest Lotus® Connections?
- Technologia
- Możliwości integracyjne z istniejącym oprogramowaniem
- Pytania



**Lotus** Connections

Discover Expertise,  
Deliver Results

# Rozwiązania stworzone z technologii Web 2.0



**Czy to pomoże mi w biznesie?**





## Jak znaleźć eksperta

Codziennie szukamy ekspertów jak zrobić to szybciej i zdobyć o nich większą wiedzę



## 5 x szybsza wyszukiwarka

Jak wyszukiwać szybciej i efektywniej, jak pomóc aby wyszukiwanie było łatwiejsze



## Najnowsze zasoby w firmie

Co dzieje się w mojej firmie, co może mi pomóc. Jak ułożyć informację według swoich zainteresowań

# Potrzebuję funkcjonalności



## Jak dzielić się wiedzą

Jak mogę podzielić się swoimi osiągnięciami i odkryciami (dobrymi i złymi)



## Wymiana plików i zasobów

Wgraj i dziel się swoimi plikami ze społecznością i wybranymi kolegami. Jak pozbyć się niewygodnych dysków sieciowych i problemu wciąż ginących dokumentów



## Jak tworzyć Społeczności

Stwórz, dołącz i pracuj ze społecznościami osób, które dzielą podobne zainteresowania



## Lepiej zorganizowane zadania/ToDo

Organizuj swoje i grupowe zadania, współpracuj z innymi aby osiągnąć lepsze wyniki i dotrzeć do celu wcześniej i bez pomyłek



## Baza wiedzy

Stwórz zasady, instrukcje lub po prostu wikipedię dla działów bądź całej firmy. Zarządzaj bazą wiedzy firmy



# Jak znaleźć właściwe osoby i informacje

## Taguj

## Bądź tagowany

## Wyszukaj po tagach





# •Dzielenie się prywatnymi plikami i zarządzanie dokumentami

- Umieść swoje pliki w swoim profilu i udostępniaj innym
- Zgrupuj je i dodaj tagi, aby były łatwo dostępne i wyszukiwane przez innych
- Oceniaj pliki, komentuj je i otrzymuj powiadomienia o nowych wersjach
  - Największy intelektualny kapitał może być współdzielony w łatwy sposób
  - Łatwiej znajdź specjalistów (SME) i ich zasoby

Sam Curman » Files

Showing: All of my files | Search these files | Filter this list

Upload a File

1-20 of 43

Sort by: Name | Most Recent | Most Downloaded | Most Recommended | Most Commented

File Name	Updated	Public	Downloads	Stars	Comments	More
Sales Target Recognition Event	Updated Monday at 11:31 PM	Public	0	0	2	more
Presentation Template.otp	Added Monday at 11:15 PM	Public	0	0	0	more
3Q Sales incentives update.doc	Updated Aug 13	Shared with 4 people	1	2	6	more
Back to school employee discounts.doc	Updated Aug 4	Public	0	3	2	more
renovations image.jpg	Added Aug 3	Public	7	0	0	more
Lotus Quickr and Portal FAQ.ppt	Updated Jun 25	Public and shared with 13 people	139	5	5	more
Roadmap presentation to GCPC.ppt	Updated Jun 23	Shared with 19 people	13	0	0	more
Lotus Quickr: Comparative review of the deployment options.ppt	Updated May 21	Public and shared with 31 people	344	6	14	more
Lotus Quickr Next PRD - use cases.ppt	Updated May 15	Shared with 32 people	68	7	8	more
Lotus Quickr Next Overview.ppt			80	3	2	more

My Collections

As an Owner

- Create a new collection
- New Collection 2
- social sharing
- test4
- Wikis

As a Contributor

- Consumability Enablement
- SharePoint

As a Reader

- GM Videos
- Lotosphere INV111 demo

Tags

architecture blog bluehouse cinews cloud collaboration community connections ibm innovation innovationjam java linux lotus management news software strategy tools wiki

View as list | cloud | all

# Rozszerz możliwości twojej wewnętrznej wyszukiwarki

Hello Heath W. McCarthy [Edit settings](#) | [Sign out](#)

**w3 Search** [w3 Home](#) | [BluePages](#) | [HelpNow](#) | [Feedback](#)

[BluePages](#) | **IBM Web pages** | [Forums, Blogs, Wikis](#) | [News](#) | [Knowledge assets](#) | [Tagged Pages \(Beta\)](#)

Search for:  within  IBM w3 intranet  www.ibm.com [GO](#) [More options](#) | [Tips](#) | [Edit settings](#) | [About Search](#)

1 - 10 of about 858 for lotus connections profil... sorted by relevance

Title	Relevance ▼	Date ▼
<b>Integrating IBM Lotus Connections and IBM WebSphe...</b>	86.18%	16 Oct 2007

...With the **Profiles** service of **Lotus Connections** you can search for people by name expertise or keyword. ...The **Lotus Connections** portlet can act as a cooperative portlet which is a portlet that can interact with other **portlet**s ...Clicking the name launches a browser instance for that person's full **profile** using the **Lotus Connections** Web interface. ...com xmlns prod sn version 1.0 **Lotus Connections Profiles** generator title type text **profiles** where name 'yuji li' title author name **Lotus Connections Profiles** name author updated 2007-05-05T01:01:36.856 Z updated link rel self type application atom xml href http .....  
<http://www.ibm.com/developerworks/lotus/library/connections...>

**Deploying IBM Lotus Connections: Integrating with...**

...**Lotus Connections** Portlet supports all five **Lotus Connections** features Dogear **Profiles** Communities Activities and Blogs. ...Similarly **Lotus Connections** Plug-in for Microsoft PowerPoint and Excel supports Add to Activities and Search **Profiles** functions. In a document you can highlight a name and choose Search **Profiles** from the **Lotus Connections** menu. **Lotus Connections** contains reusable JavaScript

**IBM developerWorks: Wikis - IBM WebSphere Portlet...**

...**Profile** IBM Calling Web Services with WS Security UserNameToken **Profile** IBM Connecting to Domino 7 Web Services IBM Connecting to ...Maps integration iFrame Builder Specifying Page Location Using XPath Tracking Selected Rows **Profiling** and runtime customization IBM Client device **profile** selection IBM **Profile** Management via Property Files Sample IBM **Profiling portlets** tutorial Verifying a **Profile** Input at Runtime Sample Pictures ...Using Portlet Factory iXml and XmlUtil Interfaces IBM Using Transform Builders with WebSphere Portlet Factory Working with **Lotus Connections** IBM **Lotus Connections** Integration Samples Working with **Lotus** Workforce Management Working with WebSphere Dashboard Framework WebSphere Dashboard Framework Alerts Module WebSphere .....  
<http://www-128.ibm.com/developerworks/wikis/display/Portlet...>  
[http://www-128.ibm.com/develop... 1](http://www-128.ibm.com/developerworks/wikis/display/Portlet...)

[\[ppt\]](#) **IBM goes Web 2.0** ( Microsoft Powerpoint Document 4305 Kb ) 85.15% 02 May 2008

...You will also learn about IBM **Lotus Connections** a Web 2.0 driven product which enables a new level of collective ...Communities Blogs Bookmarks Activities **Profiles** **Lotus Connections** is social software for business that enables larger scale collaboration and encourages innovation ...Demo KnowledgeView tools Search RSS feeds Google **portlet**s My place page FeedReader. ...Your Application **Lotus** Notes Web Browser HTTP Server Proxy Cache **Profiles** POST JavaScript Atom Feed Atom Entry PUT Blogs Communities Dogear Activities DELETE GET HTML Form Clients mashups **Lotus Connections** Services RDB File System Common Services Other Enterprise Services CMS .....  
<http://tvcboulder.boulder.ibm.com/tvcweb.nsf/a82cafeb59a0f0...>

**Community Source: Portlet Factory for Lotus Conne...** 85.15% 19 Feb 2004

Community Source Portlet Factory for **Lotus Connections** File Release Notes and Changelog. ...Open the server information that was added to your project and set the location of the **Lotus Connection** servers that ...If you are deploying to a portal then you must add the **portlet**s to a page in your portal. The sample **portlet**s are named **Profiles** Search Portlet or Dogear Portlet. You must configure each of the **portlet**s to supply the **Connections** server URL information .....  
[https://cs.opensource.ibm.com/frs/shownotes.php?group\\_id=30...](https://cs.opensource.ibm.com/frs/shownotes.php?group_id=30...)

1 - 10 of about 858 for lotus connections profil... sorted by relevance

1 2 3 4 5 6 7 8 ... 10 | Next >

[GO](#)

**Tagged Pages** [What is tagging?](#)

**All tagged pages**

- [Lotus Connections Portlets](#)  
Last tagged on 16 Jul 2008 by Martin Reinhardt in blogcentral websphereportalandportlet(1), development(1), websphere\_portal(1)
- [Lotus Connections Reviewer's](#)  
Last tagged on 23 Jul 2008 by Steven Vandamme in dogear connection(7), lotus(3), lotus\_connection(2)
- [Adding the Lotus Connections](#)  
Last tagged on 18 Jul 2008 by Erik Schwalb in dogear, blogcentral profile(5), person\_card(5), connection(4)
- [IBM forums : RE: PUKUWUWUWUWUWUWUWUWUWU](#)  
(12 Jul 2007)
- [IBM forums : Lotus Connection](#)  
(22 Aug 2007)

[More results >>](#)

**BluePages matches**

-  **BENITEZ, LUIS A.**  
Consulting Social Software Specialist - Americas TechWorks
-  **Yuen, Jeanne G.**  
Project Manager
-  **Reckling, Christopher J.**  
Program Director, UX MA Design Studio, Lotus Software

[More BluePages matches >>](#)

**Search resources**

-----My recent searches----- [GO](#)  
 -----Popular w3 searches----- [GO](#)

- [w3 Search news and information](#)
- [w3 Directory](#)

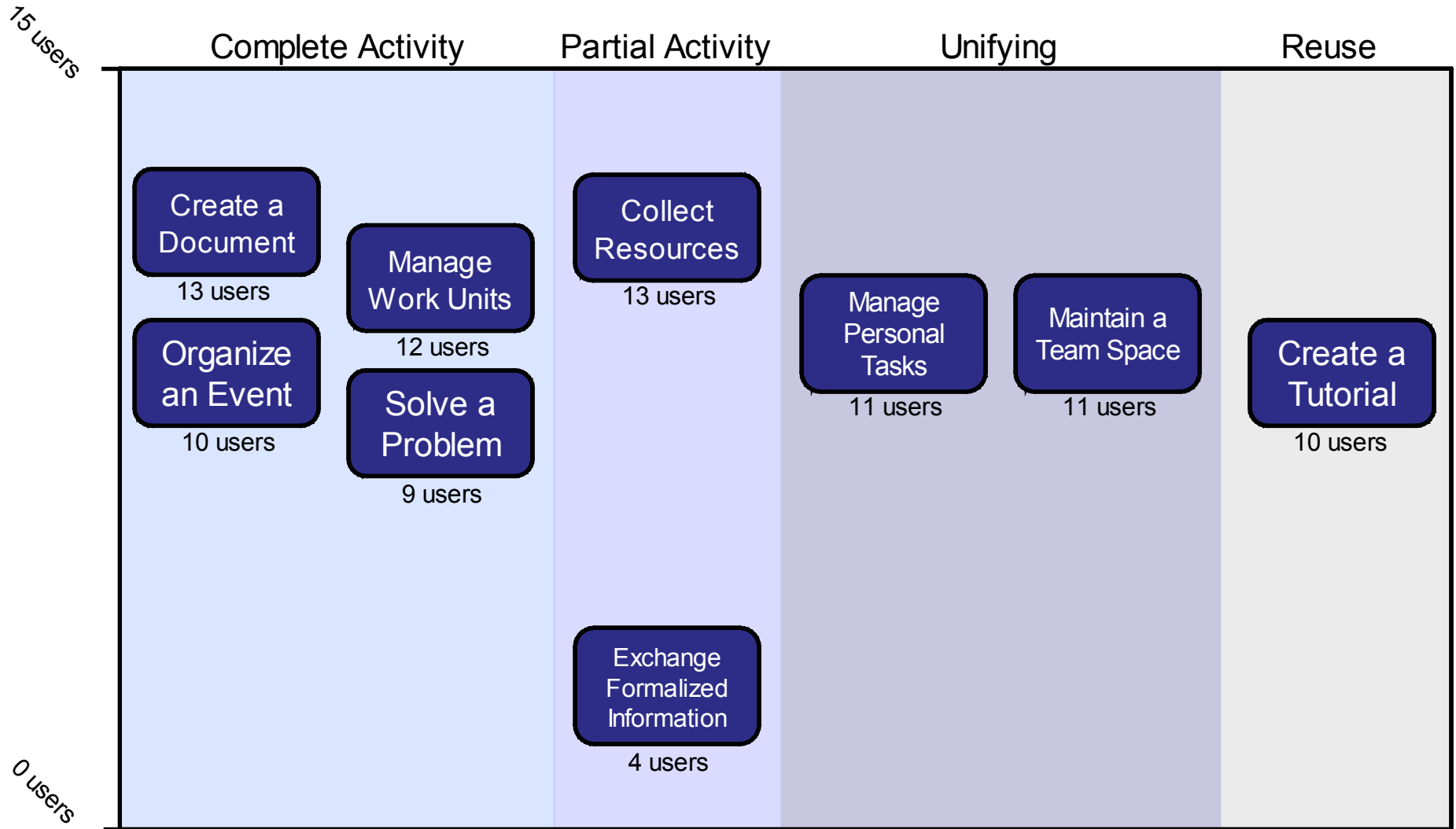


# Czemu potrzebujemy czegoś więcej niż prostych Zadań/Task/To-Do

Czy potrzebujesz narzędzi, których mógłbyś użyć do oraganizacji, prowadzenia i współdzielenia pracy związanej z własnymi lub grupowymi projektami, aby szybciej osiągać zamierzony cel

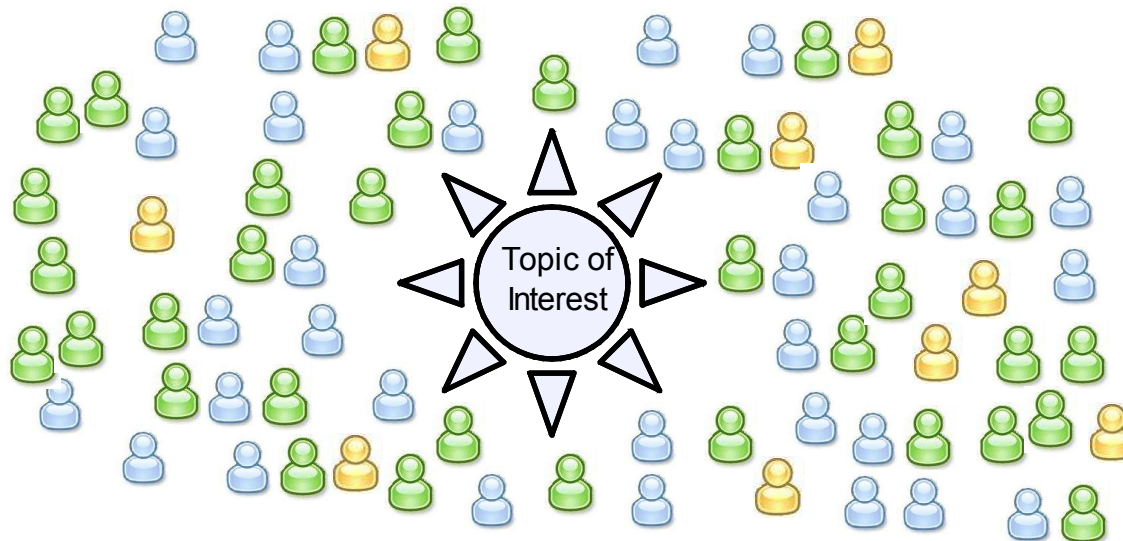
- Zarządzaj pracą, ludźmi i współpracą z osobami i zespołami
- Dziel się plikami, wiadomościami i ustalaj terminy wykonania poszczególnych zadań
- Posiadaj jedno miejsce, gdzie twój zespół może współpracować

# To Do wersja druga - Praktyki użycia



# Czym jest społeczność?

- “Grupa ludzi która dzieli pasję do czegoś” (Wenger, 2004)
- “Grupa ludzi z jakimś wspólnym zainteresowaniem, osoby które dobrowolnie spotykają się i współdziałają jako członkowie grupy w obszarze tych wspólnych zainteresowań. (Community within IBM: A Knowledge Management Approach by KMBlue - IBM Corporate Knowledge Management with CommunityBuilders)



# Czemu budujemy społeczności?

Reduce market research costs

Increase customer loyalty

Customer service

Market research

Business Transformation

Reduce costs of customer support

Improve PR effectiveness

Generate ideas

Build New Relationships

Building a brand

Virtual Focus Groups

Brainstorm

New Product Development

Amplify Word of Mouth

Reputation management

Marketing

Generate word of mouth

Increase speed of innovation

Improved developer relations

PROJECT COLLABORATION

Capture "Wisdom of Crowds"

LONG TAIL SALES

Decrease customer acquisition cost

Improve Public relations

Test new products

Listen

Member networking

Sense & Respond

Co-innovation

Skill-Building

Bring outside ideas into the organization faster

Customer Support

Increase brand awareness

Increase new product success ratios

Employee communications



# Społeczności są czymś więcej niż sposobem na spotkanie

- **Są zbiorem ludzi i ich indywidualnej wiedzy i doświadczeń**
- **Wspólne zapisują wiedzę i doświadczenia**
- **To zbiór wszystkich narzędzi, których używa społeczność**
  - Indywidualne blogi, zakładki, pliki
  - Forum
  - Wiki, repozytorium dokumentów
  - Stały pokój chat, przestrzeń web konferencji(sametime adv)
  - Bezpośredni kanał komunikacji (sametime adv)
  - itd.

*Nie można wykorzystać “mądrości grupy”  
Jeśli nie wie się gdzie jest grupa*

# Wikipedia - wspólne tworzenie

- Wspólne tworzenie i edycja tekstów w intranecie używając edytora tekstów
- Rozbudowana nawigacja i tagowanie ułatwiające wyszukiwane informacji
- Wsparcie dla tabel, obrazków, zamieszczania dokumentów, tagów i wiele więcej
- Powiadamianie o nowych treściach, wersjach i stronach
- Odrębne wiki lub jako część społeczności

The screenshot shows a Lotus Connections Wiki page for 'Green Initiative 2008'. The page has a blue header with navigation links like 'Home', 'Profiles', 'Communities', 'Wikis', 'Blogs', 'Files', 'Dogear', and 'Activities'. The user 'Sam Curman' is logged in. The page content includes a 'Welcome' message, a list of 'Current Projects' (Alternative Energy, Carpooling and Transport, Green Thumb Project, LEED Certification, Recycling), and a 'Project Lead' table listing team members like Ted Amado, Betty Zechman, and Nina Short. There are also 'Tags' and 'All Pages' sections with search boxes, and 'Site Tools' for adding members and organizing pages.

# River of News – Rzeka wiadomości

# Mobile



- W wersji mobilnej:
  - Profile
  - Blogi
  - Działania
- Wbudowane w serwer Lotus Connections – nie trzeba nic kupować ani doinstalować
- Przeglądarki
  - Iphone (1st generation, 3G, 3GS, all OS levels)
  - iPod Touch (1st and 2nd generation, all OS levels)
  - Nokia S60 devices (3.x and 5.x OS levels)

We wszystkich przypadkach wspierane są tylko przeglądarki w urządzenia, które są instalowane fabrycznie





## Jak znaleźć eksperta

Codziennie szukamy ekspertów jak zrobić to szybciej i zdobyć o nich większą wiedzę



## 5 x szybsza wyszukiwarka

Jak wyszukiwać szybciej i efektywniej, jak pomóc aby wyszukiwanie było łatwiejsze



## Najnowsze zasoby w firmie

Co dzieje się w mojej firmie, co może mi pomóc. Jak ułożyć informację według swoich zainteresowań

# Potrzebuję funkcjonalności



## Jak dzielić się wiedzą

Jak mogę podzielić się swoimi osiągnięciami i odkryciami (dobrymi i złymi)



## Wymiana plików i zasobów

Wgraj i dziel się swoimi plikami ze społecznością i wybranymi kolegami. Jak pozbyć się niewygodnych dysków sieciowych i problemu wciąż ginących dokumentów



## Jak tworzyć Społeczności

Stwórz, dołącz i pracuj ze społecznościami osób, które dzielą podobne zainteresowania



## Lepiej zorganizowane ToDo/Zadania

Organizuj swoje i grupowe zadania, współpracuj z innymi aby osiągnąć lepsze wyniki i dotrzeć do celu wcześniej i bez pomyłek



## Baza wiedzy

Stwórz zasady, instrukcje lub po prostu wikipedię dla działów bądź całej firmy. Zarządzaj bazą wiedzy firmy





## Profile

Codziennie szukamy ekspertów jak zrobić to szybciej i zdobyć o nich większą wiedzę



## Zakładki

Jak wyszukiwać szybciej i efektywniej, jak pomóc aby wyszukiwanie było łatwiejsze



## Strona główna

Co dzieje się w mojej firmie, co może mi pomóc. Jak ułożyć informację według swoich zainteresowań

# Lotus Connections

Wszystko co potrzebujesz  
w jednym narzędziu



## Blogi

Jak mogę podzielić się swoimi osiągnięciami i odkryciami (dobrymi i złymi)



## Pliki

Wgraj i dziel się swoimi plikami ze społecznością i wybranymi kolegami. Jak pozbyć się niewygodnych dysków sieciowych i problemu wciąż ginących dokumentów



## Spółeczności

Stwórz, dołącz i pracuj ze społecznościami osób, które dzielą podobne zainteresowania



## Działania

Organizuj swoje i grupowe zadania, współpracuj z innymi aby osiągnąć lepsze wyniki i dotrzeć do celu wcześniej i bez pomyłek



## Obszary Wiki

Stwórz zasady, instrukcje lub po prostu wikipedię dla działów bądź całej firmy. Zarządzaj bazą wiedzy firmy



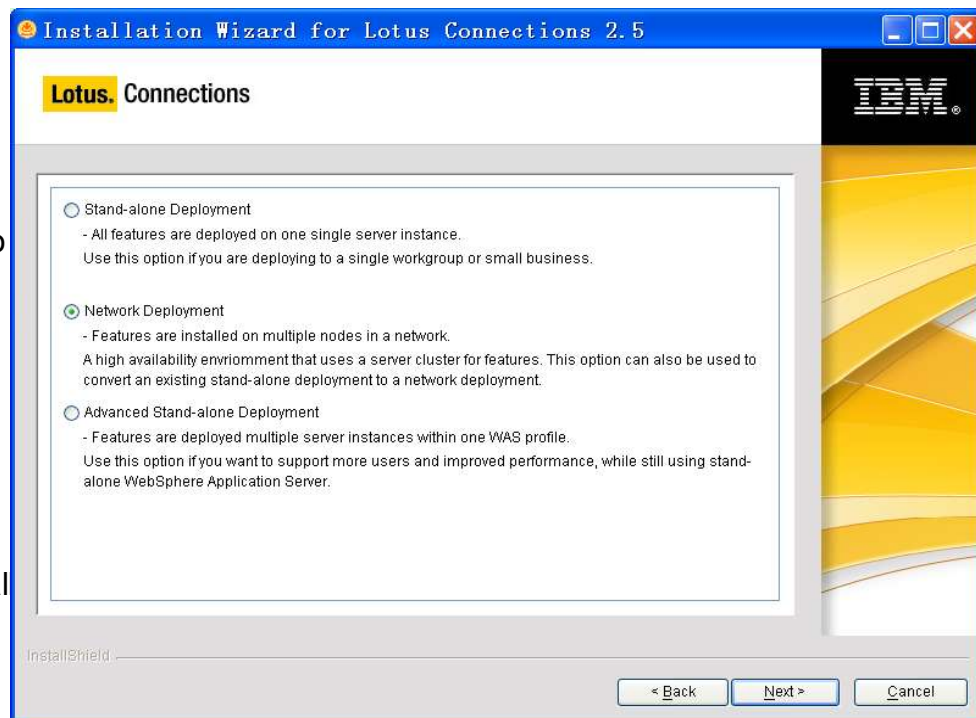
# Kilka słów o technologii



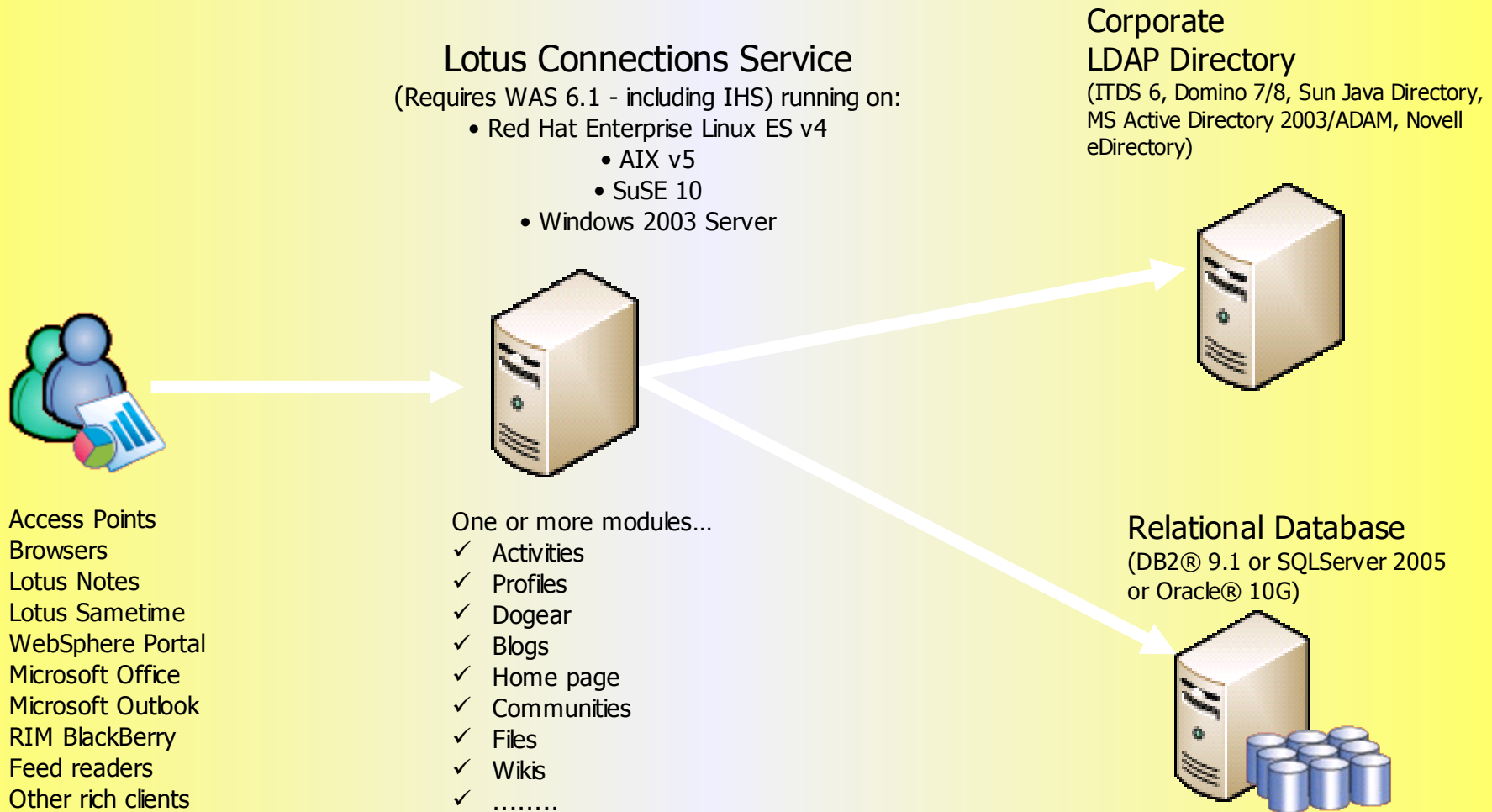
**WORLDWIDE SALES ENABLEMENT**

# Scenariusze wdrożenia

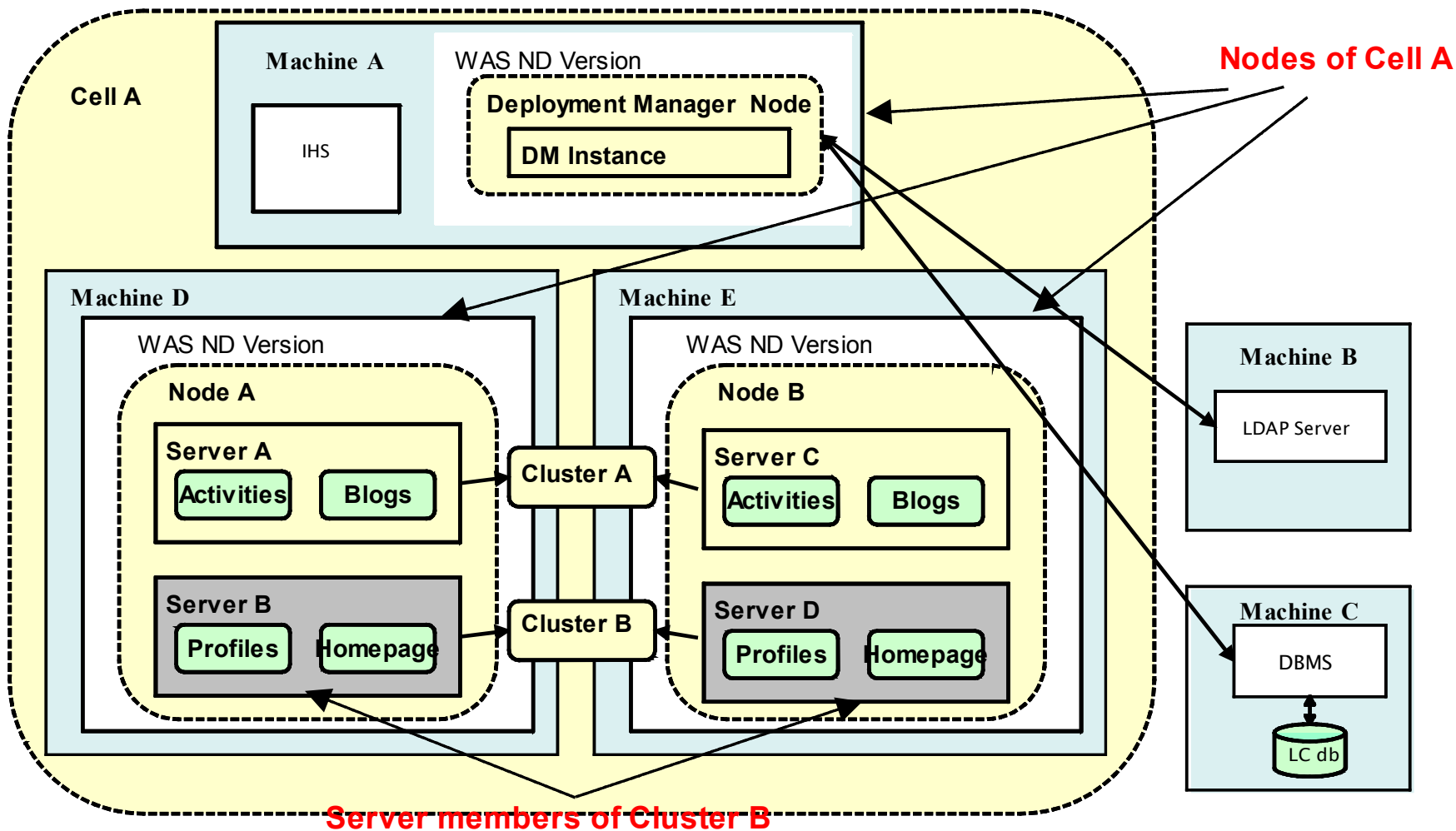
- Pojedyncze wdrożenie
- Zaawansowane wdrożenie pojedynczego serwera
- Instalacja klastra
  
- **Instalacja Pilota**
  - ▶ Najłatwiejsza instalacja – 2+ godziny instalacji do działającego systemu
  - ▶ Nie ma potrzeby na instalowanie innego oprogramowania
  - ▶ Możliwość migracji pilota do środowiska produkcyjnego
  - ▶ Wskazówka: podczas instalacji Pilota wybrać hasło zgodne z polityką windowsa i wyłączyć firewall jeśli pokazują się jakieś problemy



# Lotus Connections Podstawowa Topologia



# Topology – WAS network deployment



# Architektura Connections: otwarta, skalowalna i bezpieczna



## J2EE Container

### Common Services

JMX / WSAAdmin Administration

Search

Person Card

User Directory

Navigational Header

### REST API

PUT

DELETE

POST

GET

Atom Entry

HTML Form

JavaScript

HTML

Atom Feed

JSON

### Lotus Connections

Profiles

Communities

Dogear

Activities

Blogs

Homepage

Files

Wiki



Directory

RDB

File System

### Other Enterprise Services

Wiki

Quickr

Email

CMS

Sametime

...

# Integracja





# Connections współdziała z różnymi narzędziami

- Lotus connections integruje się z:

- Lotus Notes
- Lotus Sametime
- Microsoft Office
- Microsoft Outlook
- Websphere Portal
- Lotus Quickr
- Browsers

- Wzbogadź swoją wyszukiwarke informacjami z tagów i zakładek



This screenshot shows a community page for 'Agile Development' with 185 members. It includes tags like 'agile', 'development', 'swg', and 'swgcomm'. The description states: 'The Agile Development Community is responsible for promoting the use of an agile development process throughout SWG development. The SME for this community is Paul Gibson.' Navigation links for 'Home', 'Members', 'Bookmarks', and 'Feeds' are visible at the bottom.

This screenshot shows the IBM Lotus Sametime Connect interface. The 'Contacts' list is visible, showing a group named 'Marketing Team (10/11)' with members like Monifa Shani, George Band, Kelly Hardart, Allie Singh, and Rettv Zechman. A profile card for 'Frank Adams' is highlighted, showing his title as 'Senior Sales Manager, Chicago, IL United States' and his phone number '1-312-555-1234'. The interface also shows a 'Primary Contacts' section at the bottom with a 'RENOVAT' logo.

This screenshot shows the Microsoft Outlook 'Inbox' window. A context menu is open, listing various actions such as 'Show Business Card', 'New Activity', 'New Activity Entry', 'Go to Profiles', 'Go to Dogear', 'Go to Communities', 'Go to Blogs', 'Go to Activities', and 'Lotus Connections Preferences...'. The Outlook interface elements like 'File', 'Edit', 'View', 'Go', 'Tools', and 'Action' menus are also visible.



# ... Microsoft SharePoint, Wiki, Web...

Shared Services Administration: SharedServices1 > Shared Services Content Web

Welcome Mike Fitzmaurice | My Site | My Links | Beta Feedback

## FABRIKAM Fitness Bike Accessories

Help Site Actions

---

[Edit Customer](#) | [View Profile](#) | [Create SR](#) | [Email Contact](#) | [View Map](#)

**Fitness Bike Accessories**  
Specialty Bike Shop

**Contact Information**  
415 Summer Street  
Boston, Massachusetts 02210  
United States  
1 (924) 555-1212 (Phone)


**Open Service Requests**

Assigned To	Description	ID
2	Windows Server 2003 AD	Active
5	SharePoint Portal Performance	Slow p
6	SQL 2005 Upgrade	Need 5

**Customer Vitals**  
In business since: 1975  
Company size: Large (3400 employees)  
Annual sales: \$7500000.0000  
Bank: Reserve Security

**Business Relationship**  
Customer since: 200  
Last order placed in: 200  
Primary product line: To  
Order frequency: An  
Order month: Jar

Activities | Blogs | Communities | Dogear | Profile

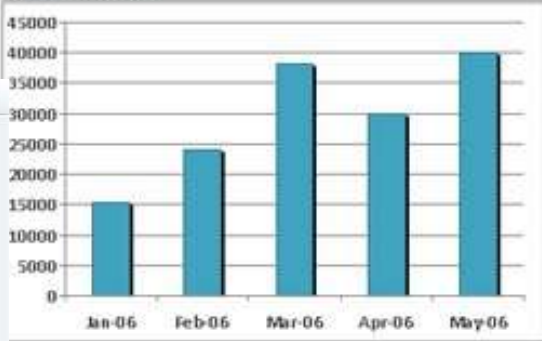


**EDMUND B. (TED) STANTON**  
Product Manager, Lotus Connections  
IBM employee, Regular  
WESTFORD, MA United States  
Building: WTF5 | Floor: 1 | Office: 1839  
1-978-399-6282  
ted\_stanton@us.ibm.com

Sametime: Avail @ Waltham Briefing Center

[Send Mail](#) | [Chat](#) | [Call](#) | [More actions](#)

**Revenue History**



Month	Revenue
Jan-06	15000
Feb-06	24000
Mar-06	38000
Apr-06	30000
May-06	40000

**Customer Contacts**

Contact	Job Title	Department
Kevin Kennedy	Vice President	Business Development
Maron Jankowski	Director	Finance
Lorraine Nay	Manager	Customer Support

[Add new link](#)




# Jednolity widok profilu w oprogramowaniu Saba i Lotus Connections

Pat Rose's Profile

Expand All Collapse All Printer Friendly View Internal Resume View

Snapshot [Edit Profile Snapshot](#)

[Update Photo](#)




Pat Rose  
 VP, Operations  
 Organization: Corporate Operations  
 Job: Vice-President of Operations  
 Position: VP of Operations  
 Full Time Permanent  
 Chicago  
 (GMT-06:00) Central Time (US & Canada)

[IBM Lotus Connection Profile](#)

Activities Blogs Communities Dogear Profile

Pat Rose  
[Personal Objective](#)



**Pat Rose**  
 VP, Operations  
 Building: 2400 | Floor: 1st Floor | Office: HQ  
 650-222-2525  
 prose@saba.com

[Send Mail](#) [More Actions](#)

Home Phone:

- Current Job Information
- Current Position Information
- Employment History
- Competencies
- Education

Business Card

Welcome to My Team!

Team Catalog Search

Search:

[Advanced Search](#) [Browse by](#)

Team Certifications

Name	Person Type	Status	Overdue
<a href="#">Aaron Good</a>	Permanent	Overdue	06/20/2009
<a href="#">Matt Koster</a>	Permanent	Overdue	10/29/2009
<a href="#">Sanjay Shaw</a>	Permanent	Overdue	10/29/2009
<a href="#">Sergel Petrov</a>	Permanent	Overdue	01/05/2008
<a href="#">Todd Oakley</a>	Permanent	Overdue	01/05/2008

[Add Certification](#)

[Send Mail](#) [More Actions](#)

**Aaron Good**  
 Sr. Software Engineer  
 Building: 2400 | Floor: 3rd Floor | Office:  
 California  
 650-222-2525  
 agood@saba.com

Profile

- [IBM Lotus Connection Profile](#)
- [IBM Lotus Connection Profile](#)
- [IBM Lotus Connection Profile](#)
- [IBM Lotus Connection Profile](#)
- [IBM Lotus Connection Profile](#)

[Add Learning](#)

Connect to Network Contributions

# ... Iub WebSphere Portal...



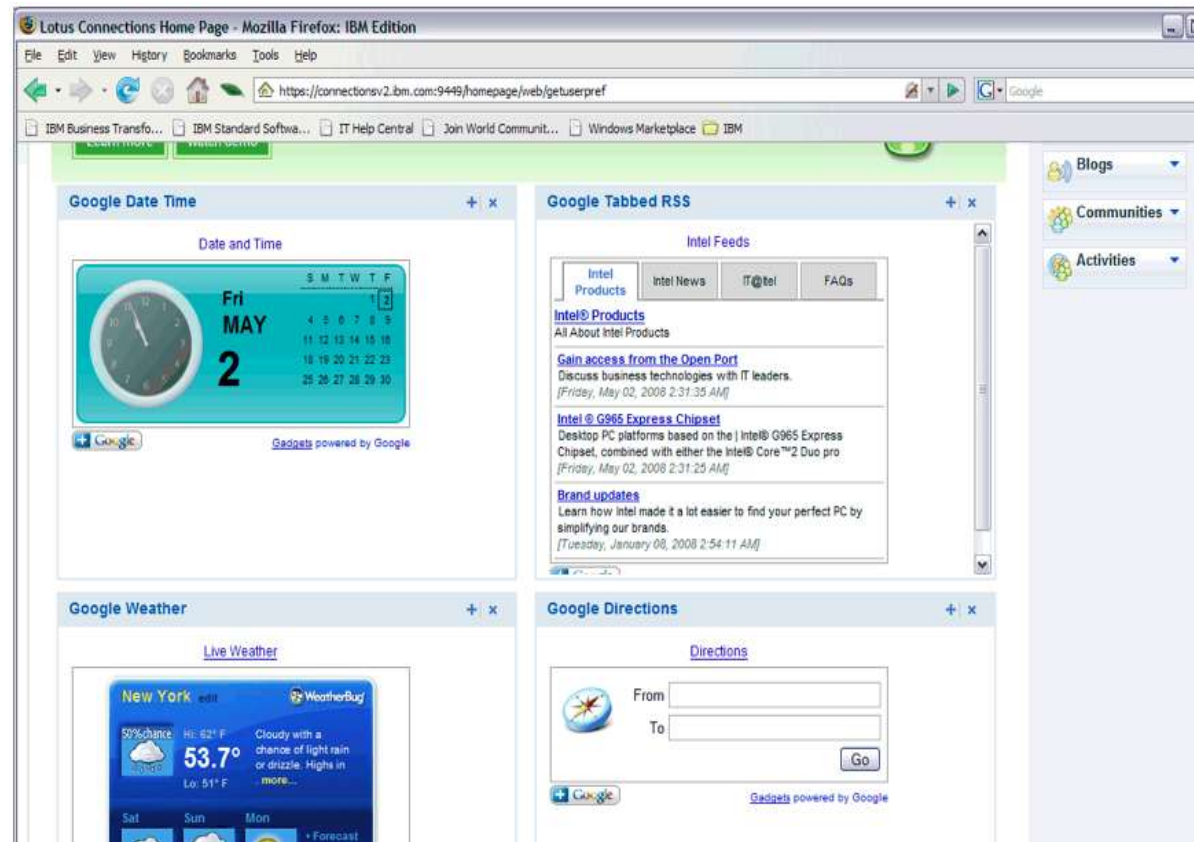
← Search default is by name  
however other fields can be selected

↓ Results display



# Strona główna - integracja z iWidget

- Użytkownicy mogą układać elementy strony w dowolnej konfiguracji
- Działa z każdym widgetem, który jest zgodny ze standardem iWidget
- Jest możliwość dodawania Google Gadget
- Można tworzyć widgety używając Widget Factory



# Integracja z RIM BlackBerry



# ... RIM BlackBerry...

Lotus. Connections 

- Profiles >
- Dogear >
- Communities
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Profiles

Person Search ▼

*Search for people with a combination of fields*

First Name: Laurisa  
 Last Name: Rodriguez  
 Phone:  
 Email:  
 Job Title:  
 Company:  
 City:

Paste  
 Search  
 Full Menu

Profiles

Person Search Results

1-1 of 1

**Laurisa G. Rodriguez**

Help

View Profile

Email Laurisa G. Rodriguez

Call Laurisa G. Rodriguez

Switch Application

Close

Profiles

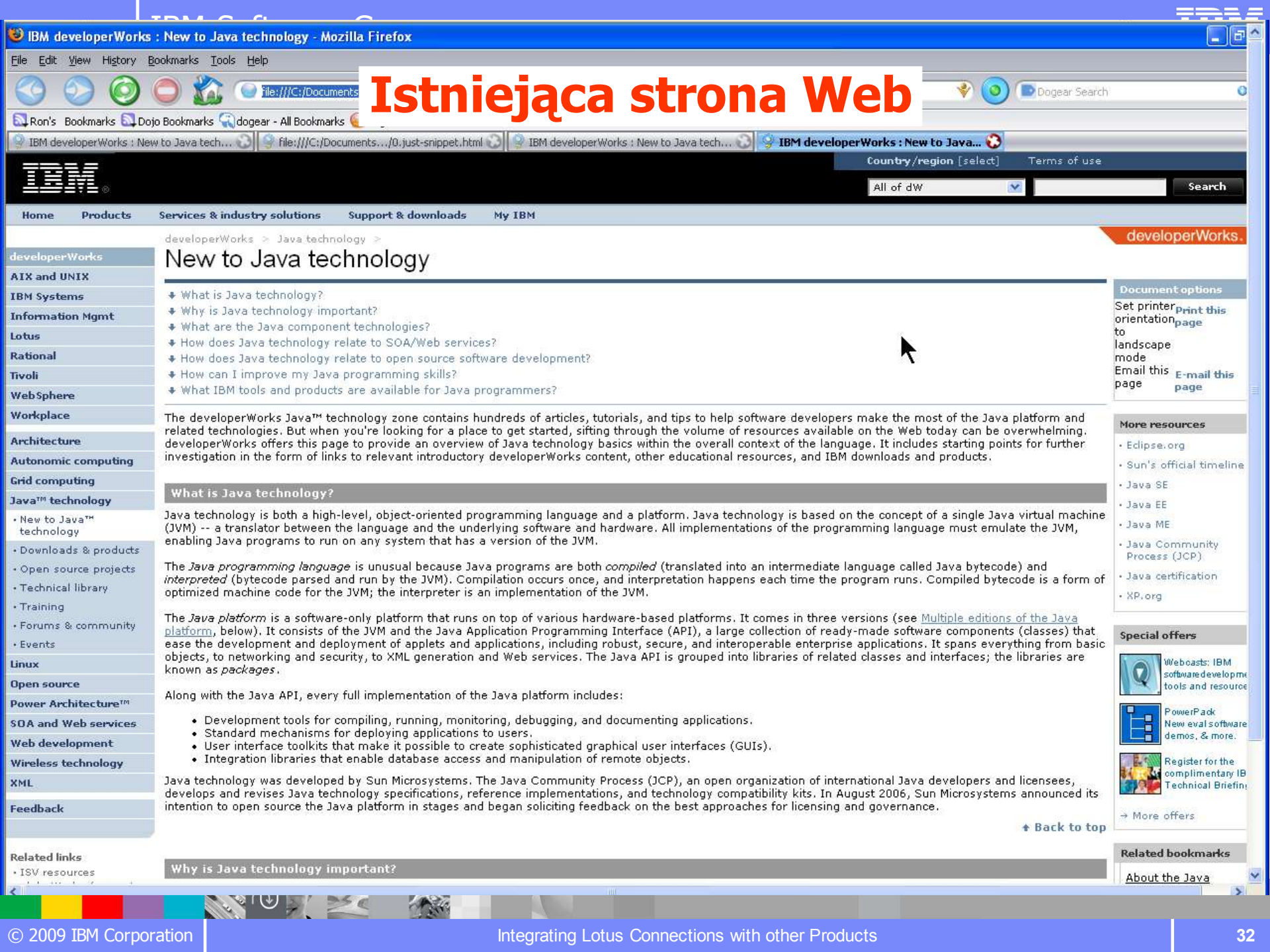
**Laurisa G. Rodriguez**

IBM Certified IT Specialist for Lotus Software, Americas  
 TechWorks WPLC Team

Office email: [laurisa@us.ibm.com](mailto:laurisa@us.ibm.com)  
 Personal email: Laurisa Rodriguez/Dallas/IBM

Office #: 1-972-561-6620  
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## developerWorks > Java technology > New to Java technology

- What is Java technology?
- Why is Java technology important?
- What are the Java component technologies?
- How does Java technology relate to SOA/Web services?
- How does Java technology relate to open source software development?
- How can I improve my Java programming skills?
- What IBM tools and products are available for Java programmers?

The developerWorks Java™ technology zone contains hundreds of articles, tutorials, and tips to help software developers make the most of the Java platform and related technologies. But when you're looking for a place to get started, sifting through the volume of resources available on the Web today can be overwhelming. developerWorks offers this page to provide an overview of Java technology basics within the overall context of the language. It includes starting points for further investigation in the form of links to relevant introductory developerWorks content, other educational resources, and IBM downloads and products.

### What is Java technology?

Java technology is both a high-level, object-oriented programming language and a platform. Java technology is based on the concept of a single Java virtual machine (JVM) -- a translator between the language and the underlying software and hardware. All implementations of the programming language must emulate the JVM, enabling Java programs to run on any system that has a version of the JVM.

The *Java programming language* is unusual because Java programs are both *compiled* (translated into an intermediate language called Java bytecode) and *interpreted* (bytecode parsed and run by the JVM). Compilation occurs once, and interpretation happens each time the program runs. Compiled bytecode is a form of optimized machine code for the JVM; the interpreter is an implementation of the JVM.

The *Java platform* is a software-only platform that runs on top of various hardware-based platforms. It comes in three versions (see [Multiple editions of the Java platform](#), below). It consists of the JVM and the Java Application Programming Interface (API), a large collection of ready-made software components (*classes*) that ease the development and deployment of applets and applications, including robust, secure, and interoperable enterprise applications. It spans everything from basic objects, to networking and security, to XML generation and Web services. The Java API is grouped into libraries of related classes and interfaces; the libraries are known as *packages*.

Along with the Java API, every full implementation of the Java platform includes:

- Development tools for compiling, running, monitoring, debugging, and documenting applications.
- Standard mechanisms for deploying applications to users.
- User interface toolkits that make it possible to create sophisticated graphical user interfaces (GUIs).
- Integration libraries that enable database access and manipulation of remote objects.

Java technology was developed by Sun Microsystems. The Java Community Process (JCP), an open organization of international Java developers and licensees, develops and revises Java technology specifications, reference implementations, and technology compatibility kits. In August 2006, Sun Microsystems announced its intention to open source the Java platform in stages and began soliciting feedback on the best approaches for licensing and governance.

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### Why is Java technology important?

- Related links
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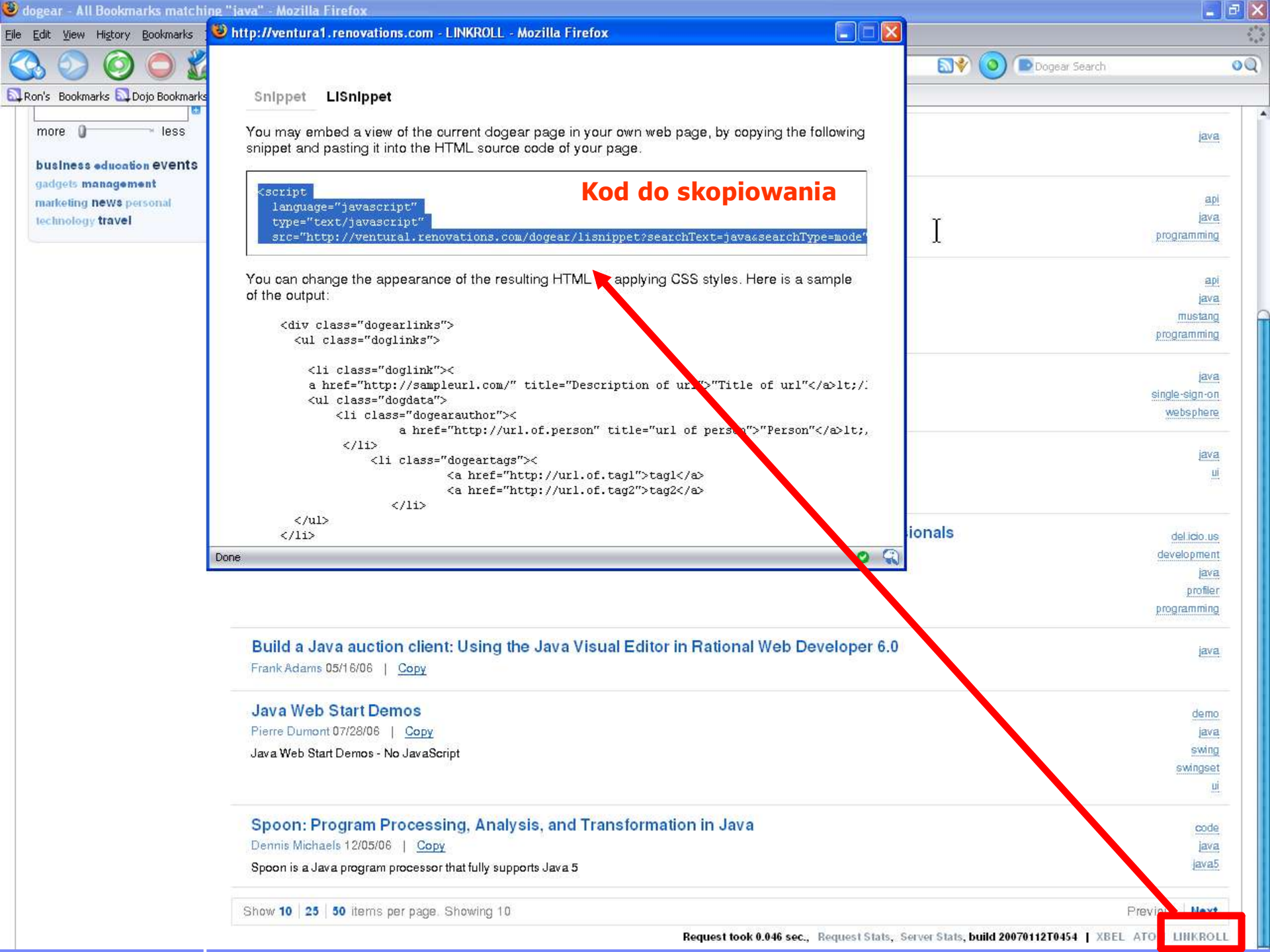
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## Snippet LISnippet

You may embed a view of the current dogear page in your own web page, by copying the following snippet and pasting it into the HTML source code of your page.

```
<script language="javascript" type="text/javascript" src="http://ventura1.renovations.com/dogear/lisnippet?searchText=java&searchType=mode"
```

Kod do skopiowania

You can change the appearance of the resulting HTML applying CSS styles. Here is a sample of the output:

```
<div class="dogearlinks">
  <ul class="doglinks">
    <li class="doglink"><
      a href="http://sampleurl.com/" title="Description of url">"Title of url"</a>lt;/;
    <ul class="dogdata">
      <li class="dogearauthor"><
        a href="http://url.of.person" title="url of person">"Person"</a>lt;,
      </li>
      <li class="dogeartags"><
        <a href="http://url.of.tag1">tag1</a>
        <a href="http://url.of.tag2">tag2</a>
      </li>
    </ul>
  </li>
</ul>
</div>
```

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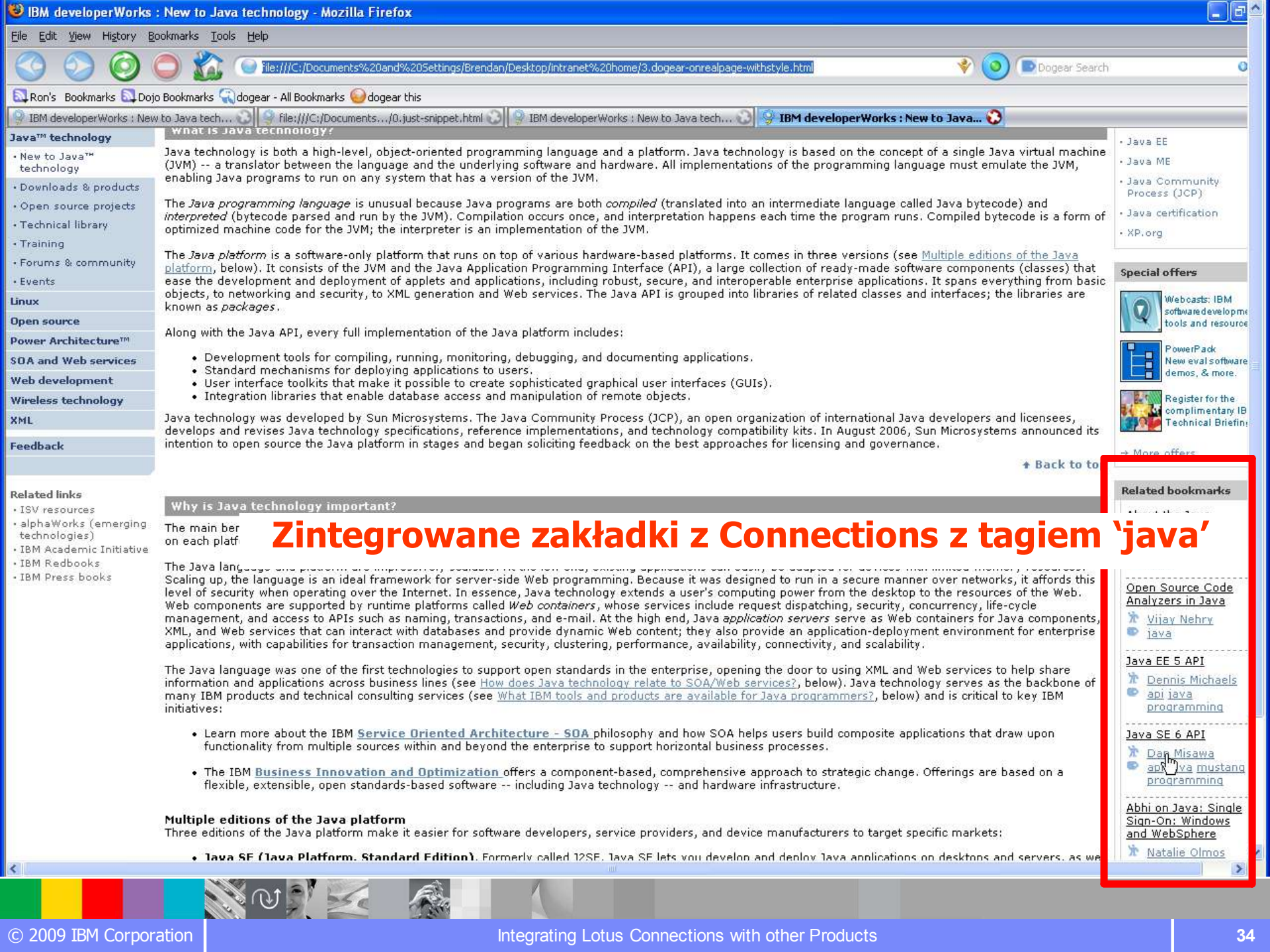
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Dennis Michaels 12/05/06 | [Copy](#)

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## What is Java technology?

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## Why is Java technology important?

The main ben on each platf

The Java language and platform are important because they enable developers to create applications that can scale up, the language is an ideal framework for server-side Web programming. Because it was designed to run in a secure manner over networks, it affords this level of security when operating over the Internet. In essence, Java technology extends a user's computing power from the desktop to the resources of the Web. Web components are supported by runtime platforms called *Web containers*, whose services include request dispatching, security, concurrency, life-cycle management, and access to APIs such as naming, transactions, and e-mail. At the high end, Java *application servers* serve as Web containers for Java components, XML, and Web services that can interact with databases and provide dynamic Web content; they also provide an application-deployment environment for enterprise applications, with capabilities for transaction management, security, clustering, performance, availability, connectivity, and scalability.

The Java language was one of the first technologies to support open standards in the enterprise, opening the door to using XML and Web services to help share information and applications across business lines (see [How does Java technology relate to SOA/Web services?](#), below). Java technology serves as the backbone of many IBM products and technical consulting services (see [What IBM tools and products are available for Java programmers?](#), below) and is critical to key IBM initiatives:

- Learn more about the IBM [Service Oriented Architecture - SOA](#) philosophy and how SOA helps users build composite applications that draw upon functionality from multiple sources within and beyond the enterprise to support horizontal business processes.
- The IBM [Business Innovation and Optimization](#) offers a component-based, comprehensive approach to strategic change. Offerings are based on a flexible, extensible, open standards-based software -- including Java technology -- and hardware infrastructure.

## Multiple editions of the Java platform

Three editions of the Java platform make it easier for software developers, service providers, and device manufacturers to target specific markets:

- **Java SE (Java Platform, Standard Edition)**. Formerly called J2SE, Java SE lets you develop and deploy Java applications on desktops and servers, as well as on mobile devices.

- Java EE
- Java ME
- Java Community Process (JCP)
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## Integracja wizytówek cd.

- Dołącz poniższy przykładowy tag JavaScript przed tag `</BODY>` do swojego kodu HTML

```
<script type="text/javascript" src="http://profiles.tap.ibm.com/profiles/  
ibm_semanticTagServlet/javascript/semanticTagService.js" ></script>
```



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## Enterprise 2.0 Faceoff: Microsoft Lags Behind IBM in Social Software



POSTED BY: **C.G. Lynch** in Rants  
TOPIC: Applications  
BLOG: Web 2.0 Advisor  
CURRENT RATING: ★★★★★ COMMENTS: 6

IBM and Microsoft showed off their social software for businesses at the Enterprise 2.0 Conference in Boston today in a three hour session meant to compare and contrast their offerings.

While both vendors showed their products could integrate

### About this Blog

C.G. Lynch chronicles what matters (and what doesn't) in the world of social networking, Web 2.0 and consumer applications.

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