



Lotusphere<sup>®</sup> 2005

ENVISION

DECISIONS

# WebSphere Portal V5.1

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**Best of Lotusphere 2005**

**Vendredi 11 février 2005 – Paris La Défense**

# Agenda

## ❖ Principes & Architecture

Intégration d'applications

Contenu

Collaboration

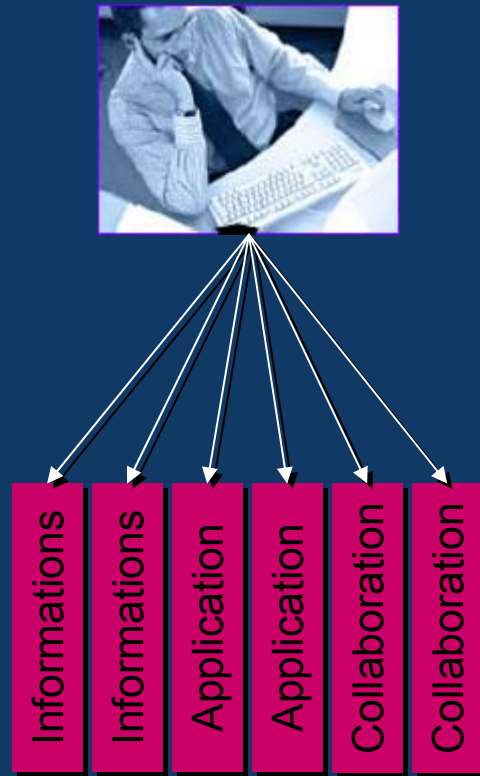
Conclusion

# Le portail coté utilisateur

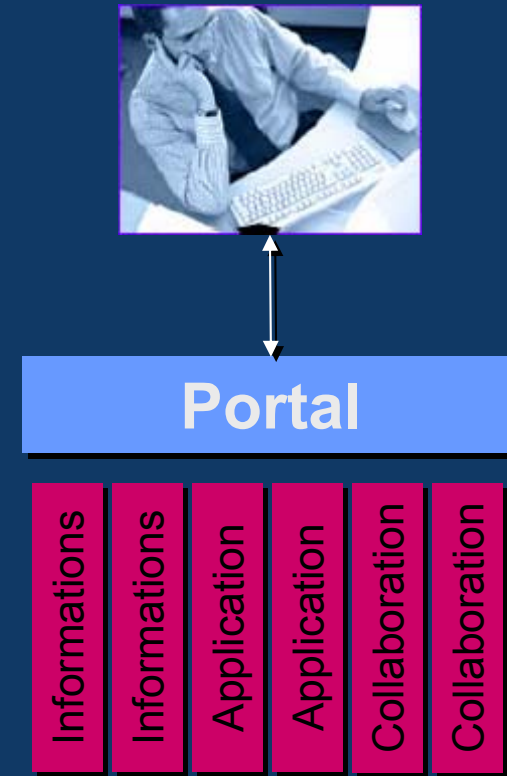
Le portail fourni un point d'accès unique , sécurisé, délivrant du contenu, des processus métiers, des applications et des fonctions collaboratives.

Cet environnement est personnalisé en fonction des besoins et des responsabilités des utilisateurs connectés.

## Situation ancienne : L'utilisateur « est » le portail



## Le portail intègre l'espace de travail de l'utilisateur



# Le portail coté service informatique

## Facilitateur pour « designer », développer, déployer et exploiter les composants au sein du système informatique.

- Unifier la présentation des sites et applications
- Unifier l'ergonomie
- Capitaliser sur les composants d'infrastructure tels que sécurité, login, SSO, navigation, multi device, workflow, service collaboratifs...
- Personnalisation simple à implémenter
- Éviter des « arbres de navigation » complexes dans les applications (découpage en portlet)
- Outils d'administration délivrés par WP
- Déploiement des composants facilité
- Tâches d'exploitation (cluster, traces, statistiques...)
- ...

## Choix de l'infrastructure hardware

- IBM AIX
- iSeries
- Sun Solaris
- Microsoft Windows
- Linux
- **z/OS**

# Une espace de travail pour l'utilisateur

Navigation simple & intuitive à partir d'onglets / pages

Chaque page est partagée en zones visuelles, appelées Portlets

Des fonctions accessibles en permanence

The screenshot shows the IBM On Demand Workplace intranet interface. The browser window title is "On Demand Workplace Home - Microsoft Internet Explorer". The address bar shows the URL: https://w3.ibm.com/portal/cmd/cs/ce/155/s/209/s.155/209. The interface features a navigation bar with tabs: Home, Work, Career and life, and Help. The main content area is divided into several portlets:

- Essential links:** A list of links including About IBM, About w3, Aerospace & Defense Industry, Collaboration Central, Customer Reference Materials, Energy & Utilities Industry, Expense Accounts - Worldwide, Globalization Central, IBM Global Campus, IBM On Demand Community, IBM SiteServ, IBM Standard Software Installer, IBM Travel, Industrial Products, IT Tools, Learning Navigator, Our Values at Work, Presentation Central, Sam's w3 pages, Software Group Intranet, Speak Up Program, and Telecommunications Industry.
- News:** A section titled "Manchages 7 derniers jours >" containing several news items:
  - Performance & Pay:** Performance metrics for first quarter 2004.
  - Making a world of difference:** More than 13,000 employees from over 55 countries are registered with On Demand Community. Find out what your colleagues are doing, and how you can get involved.
  - Anatomy of an on demand business:** No single component can establish an on demand business. Today, IBM introduces new software and services to help companies develop and deploy Service Oriented Architectures. [Software Group]
  - Alert: Protect IBM from mass mail worms:** Run LiveUpdate and scan your workstation [Transforming IBM]
  - Boeing flies high with IBM:** Rational development tools lets Boeing improve the quality of its applications while keeping costs down. [Software Group]
  - Talk with Steve:** How does SWG secure funding for acquisitions? [Software Group]
- Search:** A search section titled "BluePages" with options for "Name only (smith, jo\*)" and "Entire profile ('grid computing')". It includes a search input field, a "GO" button, and an "Advanced search" link. Below it, "Other searches" includes options for "w3 intranet", "ibm.com Internet", "IBM news articles", and "IBM discussion forums".
- Market report:** A section titled "Market report" with a "Refresh" button and a table of market data:
 

Symbol	Current	+/-
IBM	90.74	-0.52

 Below the table, it lists "Indices" with their last values:
 

Indices	Last
DOWJONES	10,461.20
S&P 500	1,139.95
AMEX	1,248.19
FTSE	4,571.80
HANG SENG	12,167.70
NIKKEI	12,025.03
NASDAQ	2,032.91
- What's new:** A section titled "What's new" with a "Portlets" subsection stating "Currently, there are no new items available for this section." and a "Software" subsection stating "You have no operating system".
- Dans les nouvelles 7 derniers jours >:** A section titled "Tax credit system branded a disaster" with the text "EDS and UK's Inland Revenue failed to appreciate the tax credit systems would prove unstable [The Guardian]".

# Un exemple de composant collaboratif sur le w3 IBM

The screenshot shows a Microsoft Internet Explorer browser window displaying the IBM BluePages web application. The browser's address bar shows the URL: <http://w3.ibm.com/bluepages/simpleSearch.wss?searchBy=name&searchFor=papaix>. The page title is "IBM BluePages | Summary - Microsoft Internet Explorer".

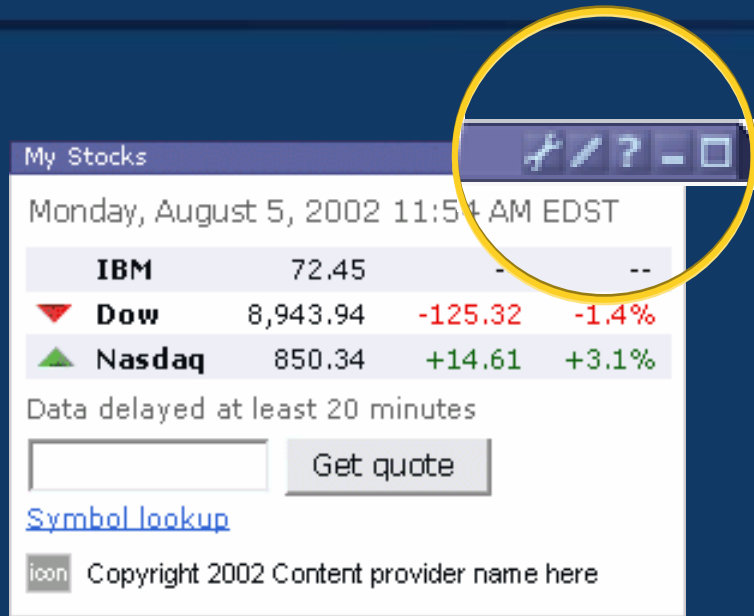
The application interface includes a navigation menu on the left with options like "BluePages Home", "My profile", "My BluePages", "About BluePages", "Help", and "My BluePages". The main content area is titled "My profile" and features a search bar with "papaix" entered and a "GO" button. Below the search bar, there are radio buttons for "Name only (smith, jo\*)" and "Entire profile (+italy +'linux sales')".

The profile card for Stéphane Papaix includes a profile picture, a globe icon, and the text: "Papaix, Stephane", "Consulting IT/Specialist SWG", "Toulouse Cedex France", "Building: TTT", and "Local time: 4:32PM". Contact information is listed: "Preferred contact method: E-mail", "Sametime status: Papaix, Stephane", "E-mail: [stephane.papaix@fr.ibm.com](mailto:stephane.papaix@fr.ibm.com)", "Notes mail: Stephane Papaix/France/IBM@IBMFR", "Phone: 33-5.6216.5301 (T/L: 86 -5301)", "Mobile: 33-6.8909.4103", and "Pager:". There are also links to "Add to Notes address book", "Add to Sametime list", and "Add to My BluePages list".

A "Report to chain" section on the right shows a list of users: "Rabenandrasana, Alain", "Abou Afia, Magda", and "Papaix, Stephane". Below this, it says: "View more Report to chain, Same manager, and other organization charts in the Reporting structure tab below."

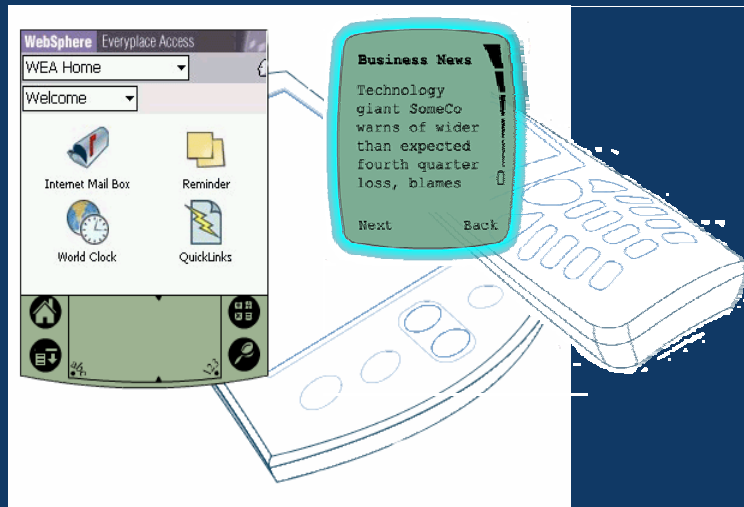
At the bottom, there is a tabbed interface with tabs for "Summary", "Jobs & contact info", "Experience & qualifications", "Projects & teams", "Communities & interests", and "Reporting structure". The "Summary" tab is active, showing "Websphere Software, Portal and Dynamic WorkPlace" and "Biography / Resume / CV None provided". Other sections include "Business experience" (No information provided), "Projects" (No information provided), and "Customer supported" and "Certifications".

# Les Portlets



**Portlet = module applicatif séparé**

- Développements indépendants
- Modes & états
- Placement libre sur la page
- Standards JSR 168 & WSRP



**Gestion de périphériques divers**

- Téléphones, assistants personnels, systèmes vocaux
- Vue unique pour chaque périphérique avec une logique applicative partagée

# Thèmes & Encadrements

## ■ Thèmes

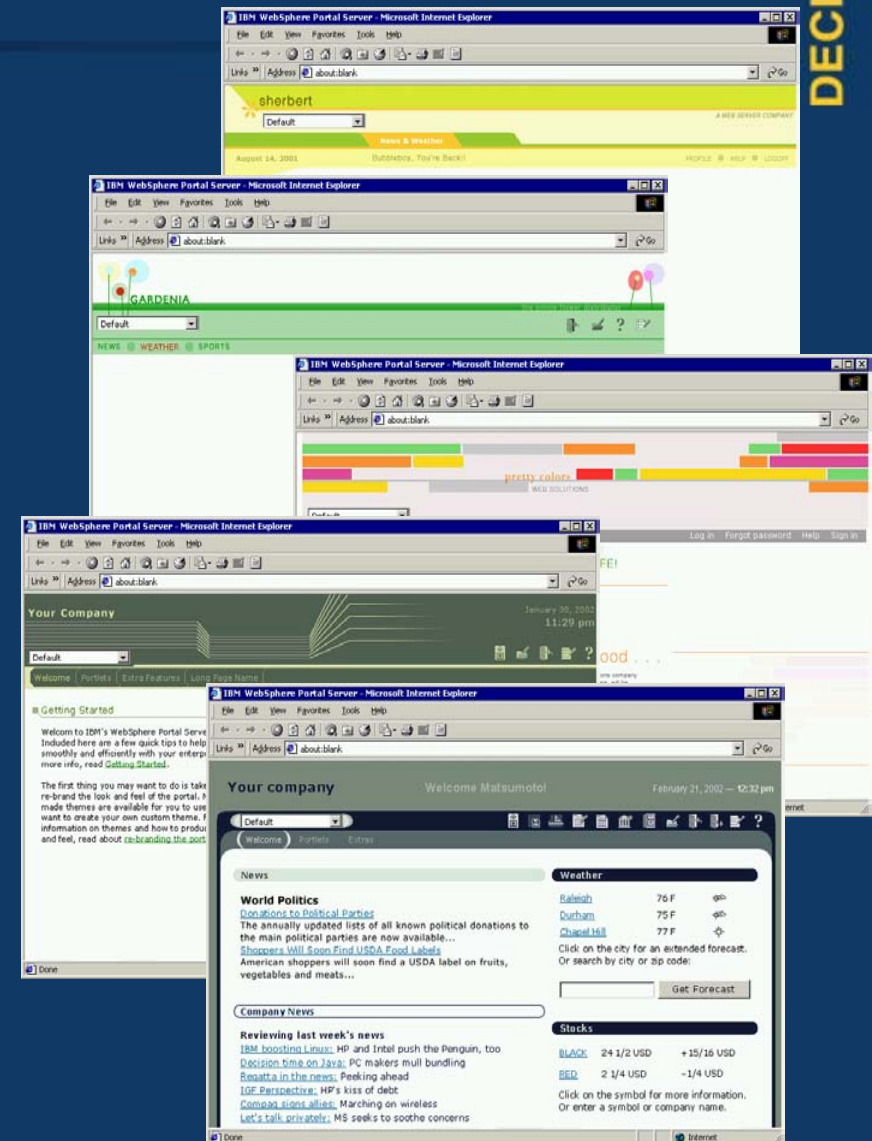
- Couleurs, polices et espacements figurant sur la page
- Feuilles de style en cascade, images, ...
- S'appliquent à un groupe de pages

## ■ Encadrements

- Motif décoratif appliqué autour de chaque portlet
- Un encadrement différent par portlet

## ■ Affectation libre des thèmes et encadrements à tout groupe de pages

## ■ Compatibilité entre navigateurs



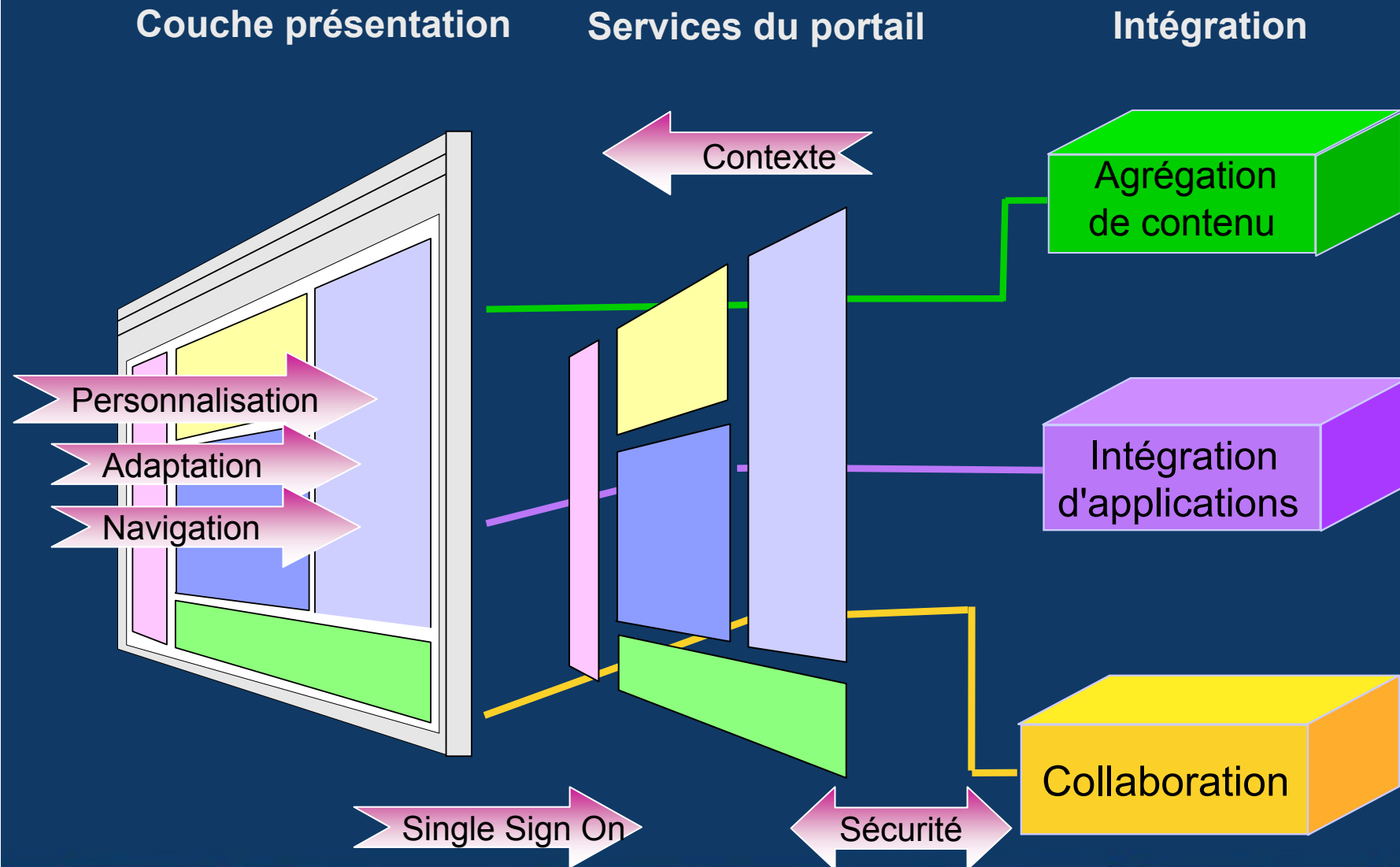


Demo...

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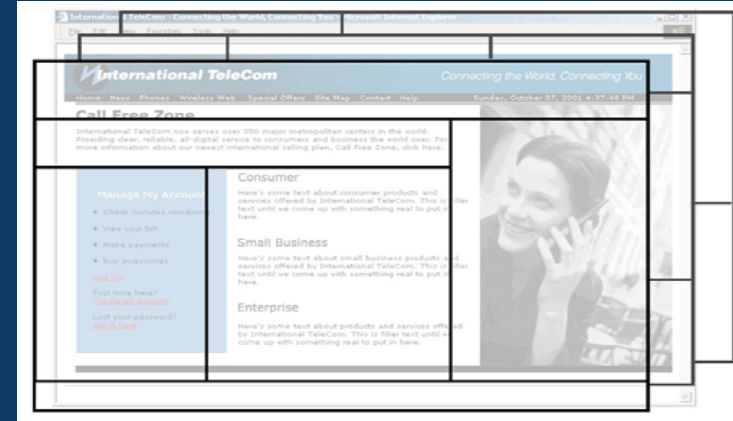
# Le portail IBM est bien plus qu'une interface utilisateur



# Mise en page assistée et sous contrôle

- Création de pages incluant

- ✓ Pages & sous pages
- ✓ Labels
- ✓ Liens externes
- ✓ Intégration des portlets

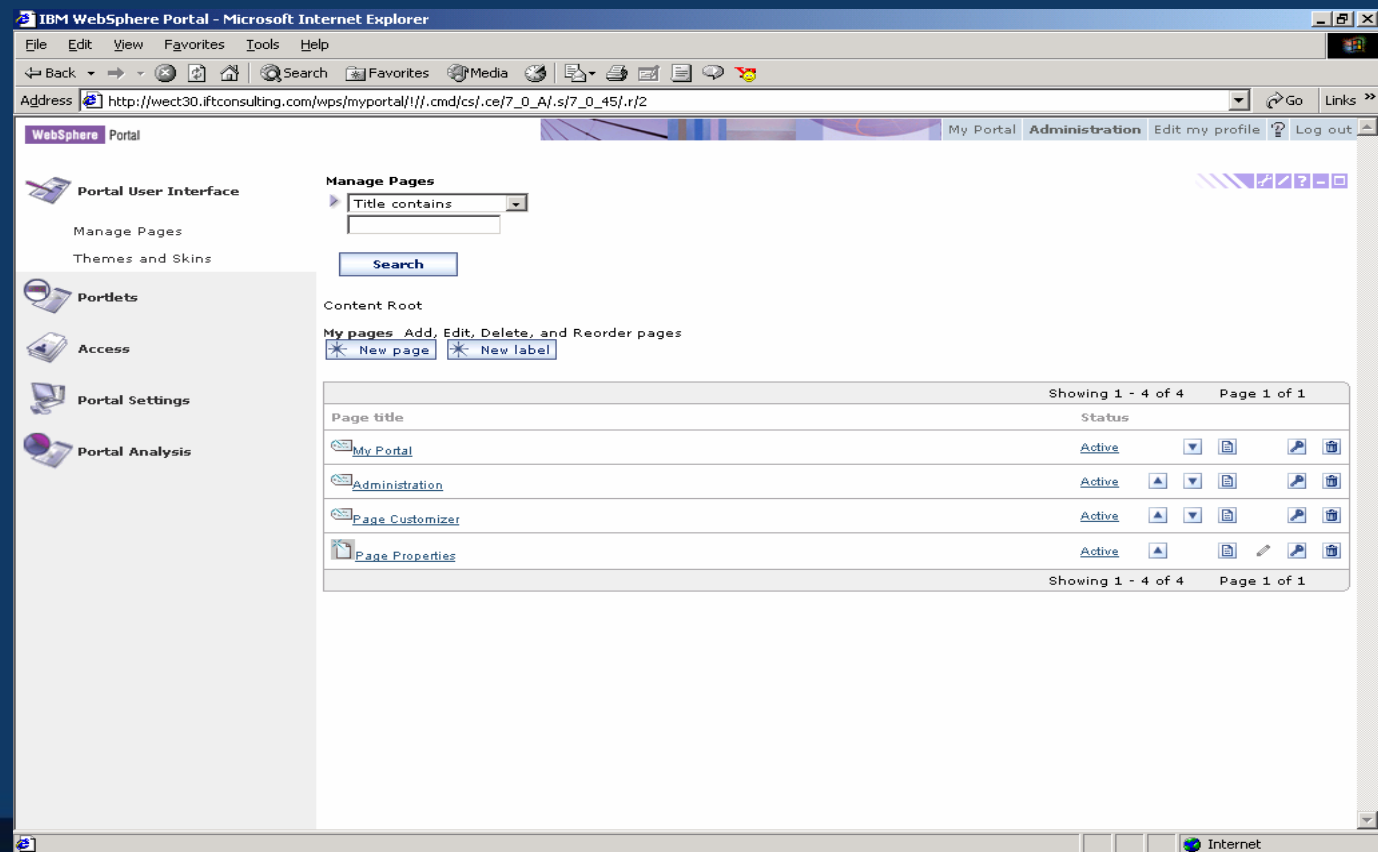


The screenshot shows the WebSphere Portal administration interface. On the left, the 'Edit Layout' section is visible, with a 'Page title: Health Care' and a grid of portlets. A yellow tooltip indicates: 'This is a column container. Items added to this container will stack vertically'. The 'Add portlets' button is circled in orange. On the right, the 'Manage Pages' section is active, showing a search bar and a list of pages under 'Health Care'. The 'New page', 'New label', and 'New url' buttons are circled in orange. Below the buttons, a table lists pages with columns for Title and Status.

Title	Status
<a href="#">Dental</a>	Active
<a href="#">Medical</a>	Active
<a href="#">Long Term Disability</a>	Active
<a href="#">Retirement Health Benefits</a>	Active

# Administration intégrée

- Avec des outils “out of the box”
  - Interface utilisateur
  - Portlets
  - Accès
  - Paramètres
  - Analyse
  - Portail virtuels



# Administration via Xmlaccess

```
<content-node action="update" uniqueness="wps.My Portal">
  <access-control>

    <role-block type="propagation" actionset="User"/>

    <role actionset="Administrator" update="set">
      <mapping subjectid="uid=hsimpson,o=default" subjecttype="USER"
        update="set"/>
    </role>

    <role actionset="User" update="set">
      <mapping subjectid="anonymous portal user" subjecttype="USER"
        update="set"/>
    </role>

  </access-control>
</content-node>
```

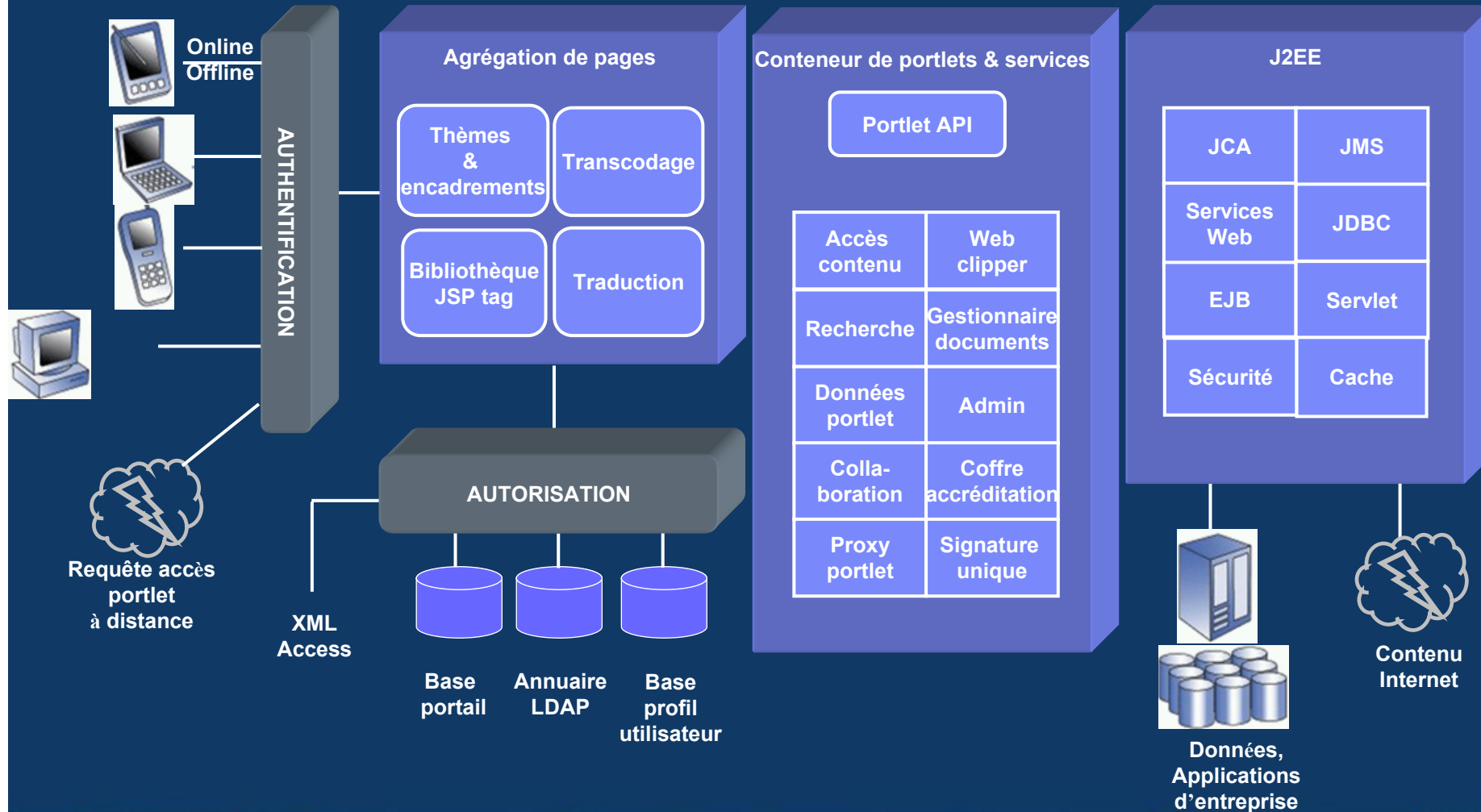
Demo...

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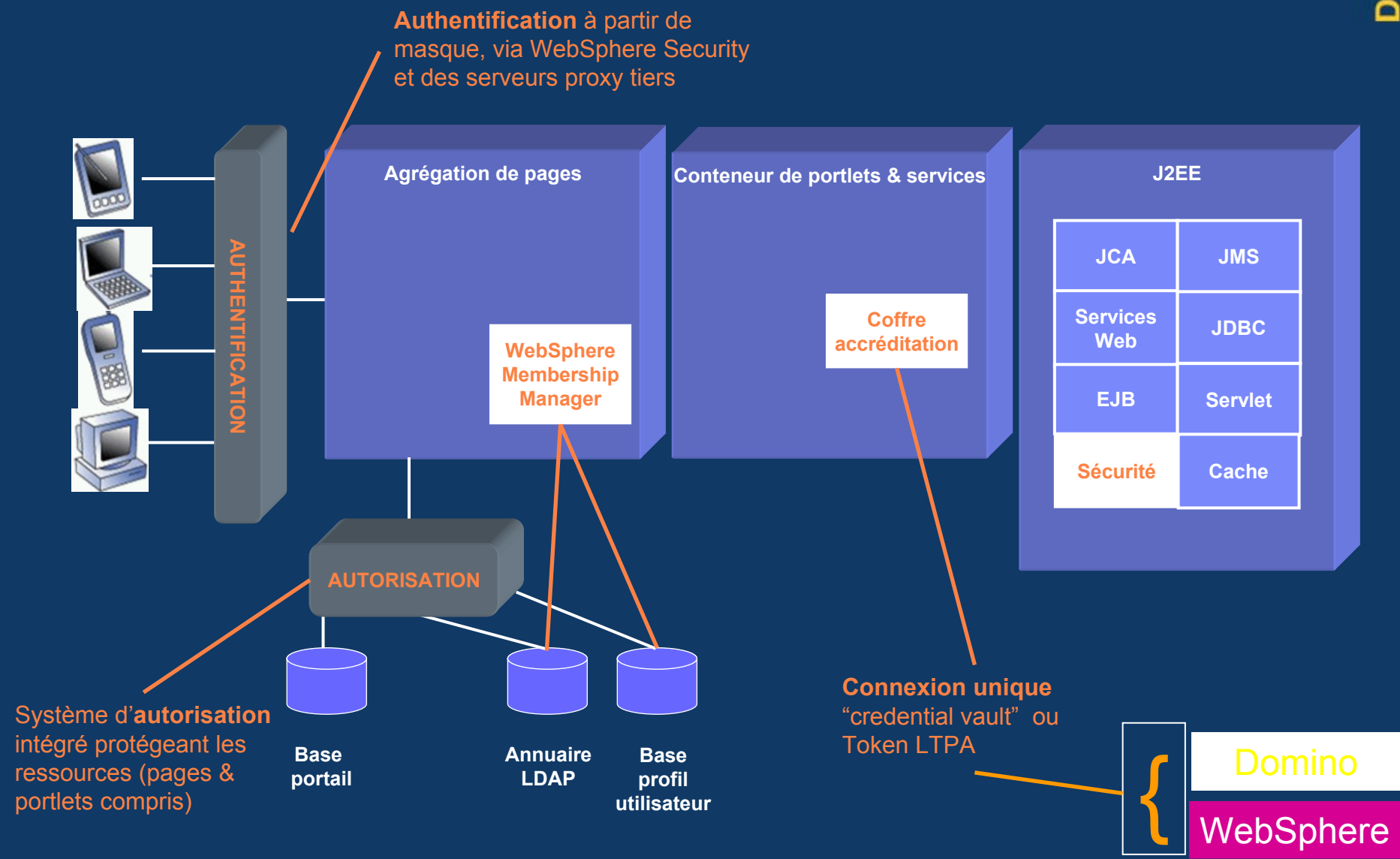


# Architecture détaillée du portail WebSphere

Navigateurs sur postes fixes & mobiles

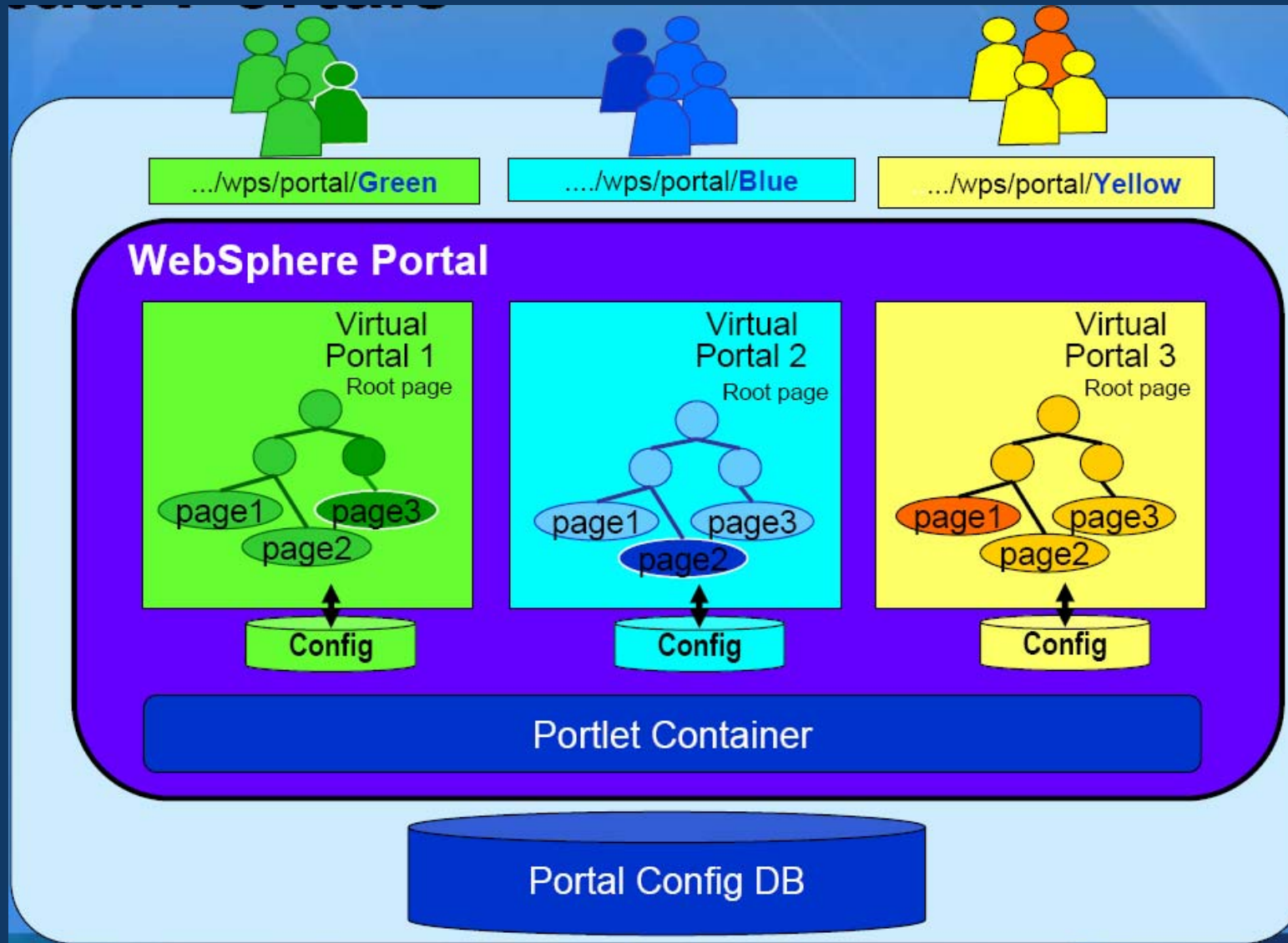


# Gestion de la sécurité intégrée

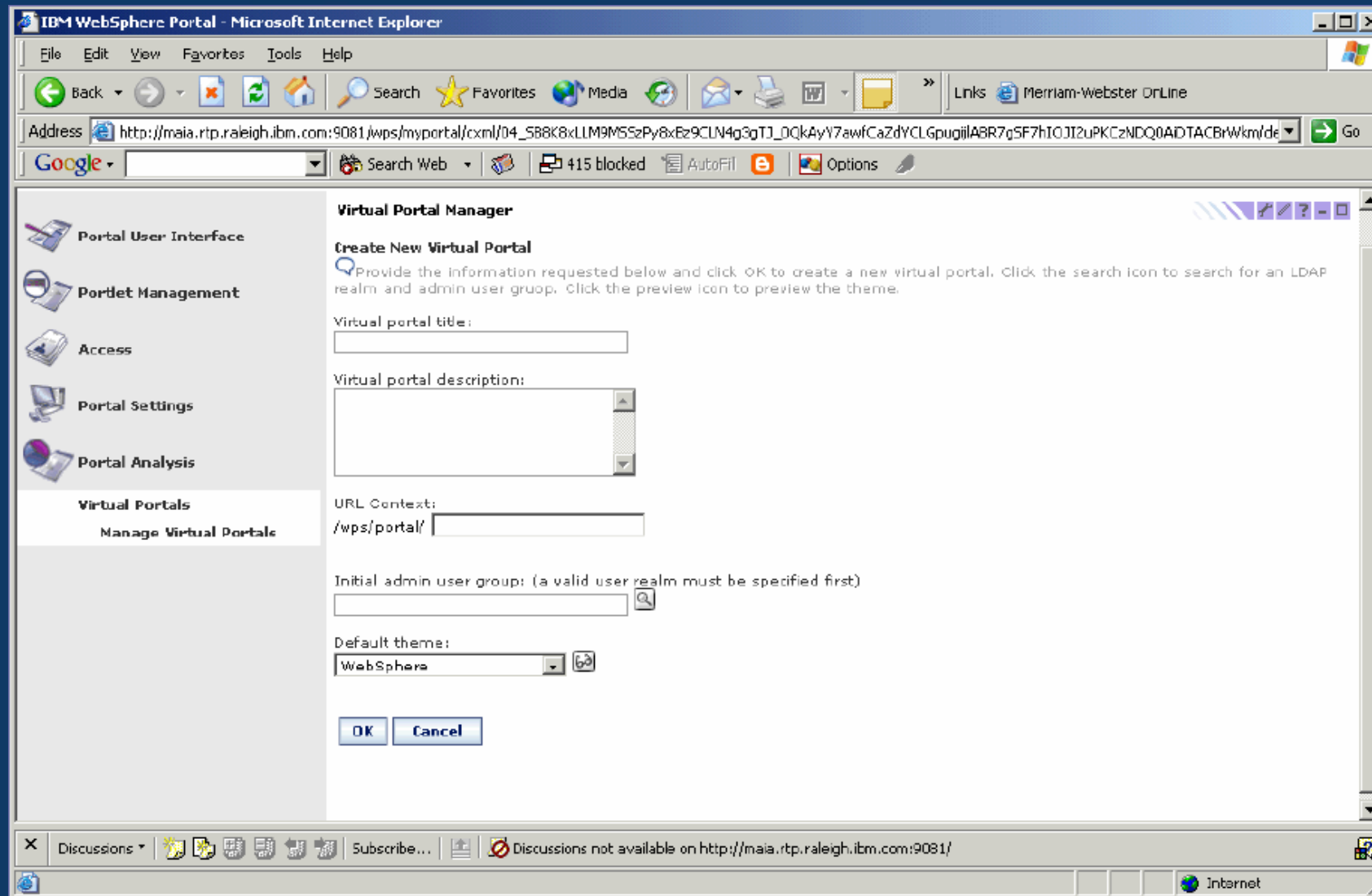




# Les Portails virtuels



# Portails virtuels => gérés par les outils d'admin



# Agenda

Principes & Architecture

## ❖ **Intégration d'applications**

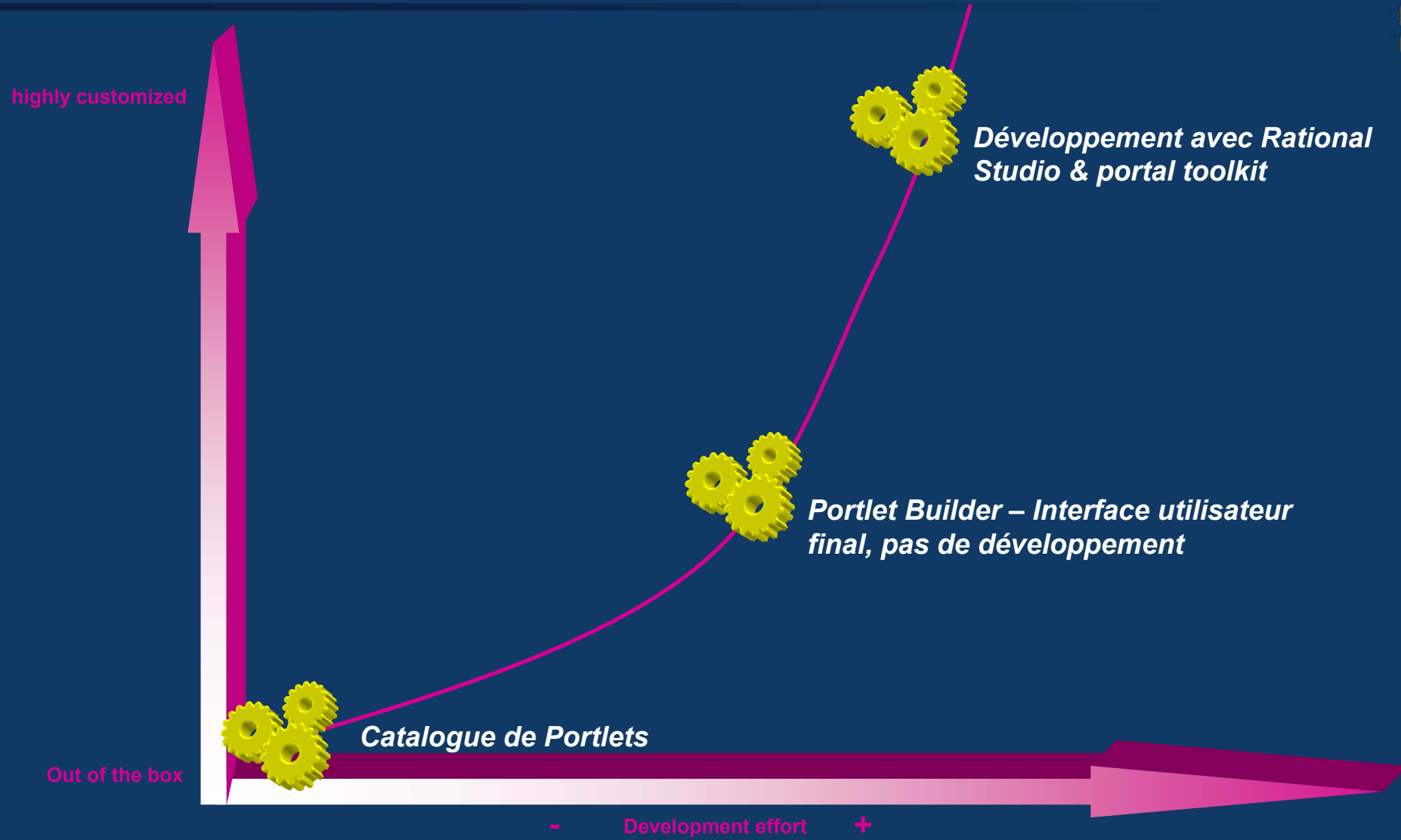
- **Catalogue de portlets**
- **Portlet builder (WPAI)**
- **Websphere studio & portal toolkit**
- **Workflow**

Contenu

Collaboration

Conclusion

# Intégration d'applications

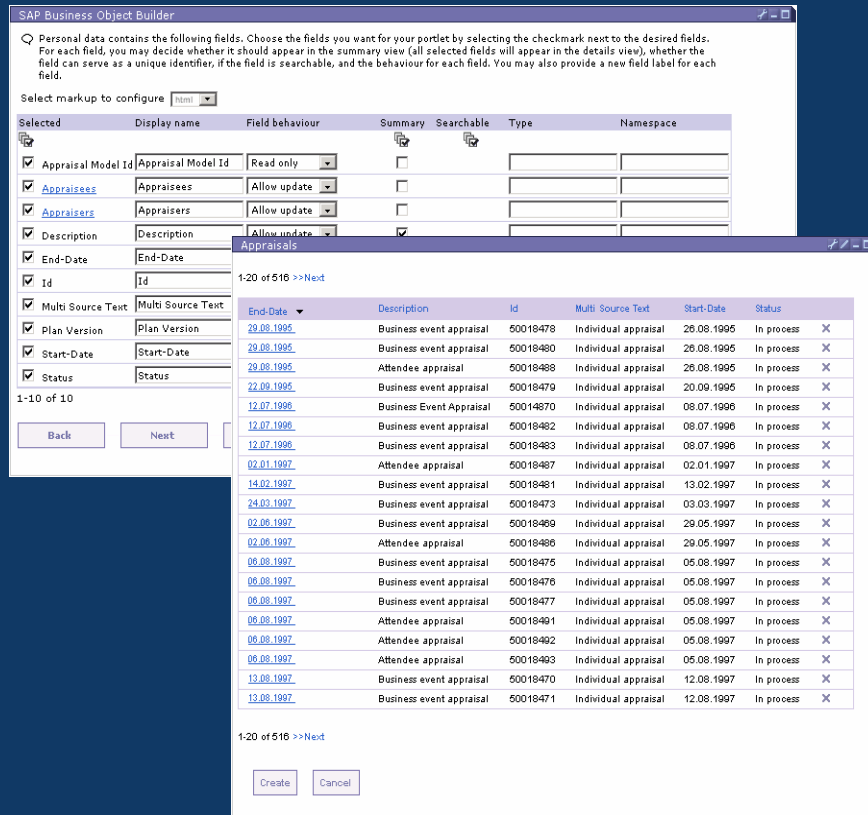


# Catalogue de portlets en ligne

The screenshot shows the IBM WebSphere Portal Catalog website. The browser window title is "IBM WebSphere Portal Catalog - Mozilla Firefox". The address bar shows the URL "http://catalog.lotus.com/wps/portal/portal". The page features the IBM logo and a navigation menu with links for Home, Products, Services & solutions, Support & downloads, and My account. The main content area is titled "WebSphere Portal Catalog" and "Solutions for on demand business". It includes a search bar with a "Go" button and "Hot searches" for PeopleSoft, IBM, and "Ready for". There are also sections for "Browse" with various filters like Audience, Product, Industry, and Price, and "New" and "Popular" product lists. The footer contains links for About IBM, Privacy, and Contact, and the Lotusphere 2005 logo.

# WebSphere Portal Application Integrator (WPAI)

## Création simplifiée de portlets (sans développement)



## “Boîtes à outils” de création de portlets

- ✓ PeopleSoft 8.0 & 7.5 Builder
- ✓ Siebel Builder
- ✓ SAP Builder, SAP iView Builder
- ✓ JDBC Builder
- ✓ Domino Builder
- ✓ WPCP Builder
- ✓ Oracle Builder
- ✓ ...

## Création automatique de l'interface & du contrôleur à partir du framework

- ✓ Interface utilisateur cohérente
- ✓ Activation automatique des fonctions “ClicToAction”, présence en ligne, accessibilité, ...

# Quelques écrans de WPAI

WebSphere Portal

Welcome My Work YourCo Financial My Finances My Newsroom


E-mail Productivity Developers Area

Developers Resource

Lotus Domino Builder

JDBC Builder

JDBC Business Object Builder



**Welcome to the Enterprise Portlet Builder**

This portlet enables you to create portlets that work with business objects from enterprise applications. Enterprise systems contain numerous business objects and data. This portlet will assist you in creating portlets which will provide users with tools to work with and manipulate the data contained within your enterprise system. Business objects in your enterprise system include data such as employee information, employee records, employee performance and employee personal information. You may use this portlet to quickly and easily create applications within portlets that interact with these business objects. Each business object contains multiple levels of information. You must first enter the name of a business object, then choose the information you want contained by the portlet you are creating, and then decide on a layout for your portlet. To get started, click the configure icon above. Then, you can begin creating portlets.

Getting started:  
1. Click the configure icon  
2. Create a portlet

Select markup to configure:

Field	Display name	Field behavior	Summary	Searchable	Person
<input type="checkbox"/> BIRTHDATE	BIRTHDATE	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> BONUS	BONUS	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> COMM	COMM	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> EDLEVEL	EDLEVEL	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> EMPNO	EMPNO	Allow update	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> FIRSTNAME	FIRSTNAME	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> HIREDATE	HIREDATE	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> JOB	JOB	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> LASTNAME	LASTNAME	Allow update	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> MIDINIT	MIDINIT	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> PHONENO	PHONENO	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> SALARY	SALARY	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SEX	SEX	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> WORKDEPT	WORKDEPT	Allow update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Showing 1-14 of 14

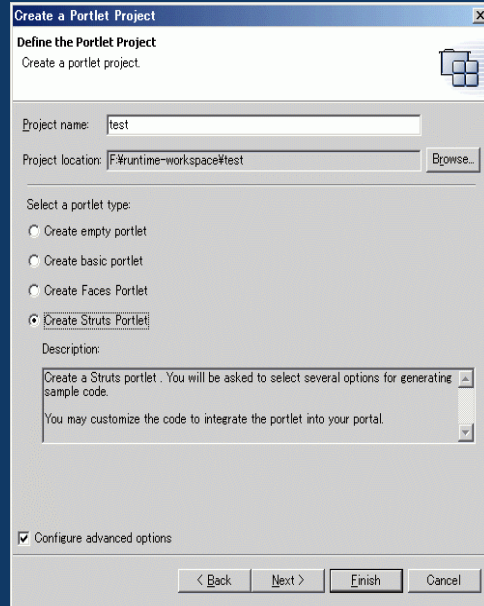
Employee Comp Maint

New

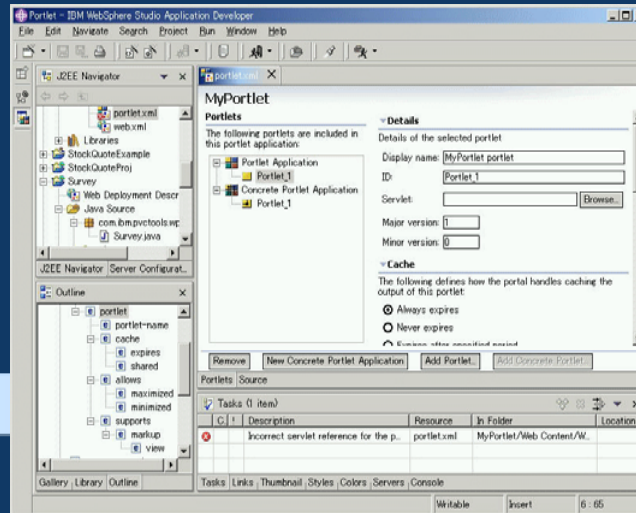
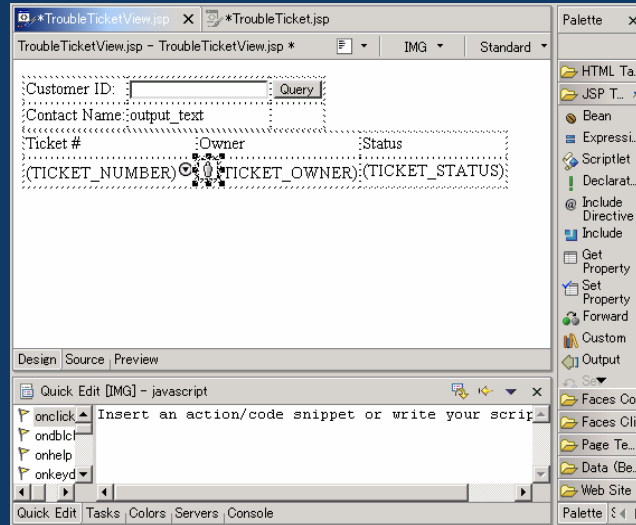
1 - 20 of 32 Page 1 of 2

EMPNO	FIRSTNAME	LASTNAME	BONUS	COMM	SALARY
000010	CHRISTINE	HAAS	1000.00	4220.00	52750.00
000020	MICHAEL	THOMPSON	800.00	3300.00	41250.00
000030	SALLY	KWAN	800.00	3060.00	38250.00
000050	JOHN	GEYER	800.00	3214.00	40175.00
000060	IRVING	STERN	500.00	2580.00	32250.00
000070	EVA	PULASKI	700.00	2893.00	36170.00
000090	EILEEN	HENDERSON	600.00	2380.00	29750.00
000100	THEODORE	SPENSER	500.00	2092.00	26150.00
000110	VINCENZO	LUCCHESSI	900.00	3720.00	46500.00
000120	SEAN	O'CONNELL	600.00	2340.00	29250.00
000130	DOLORES	QUINTANA	500.00	1904.00	23800.00
000140	HEATHER	NICHOLLS	600.00	2274.00	28420.00
000150	BRUCE	ADAMSON	500.00	2022.00	25280.00
000160	ELIZABETH	PIANKA	400.00	1780.00	22250.00
000170	MASATOSHI	YOSHIMURA	500.00	1974.00	24680.00
000180	MARILYN	SCOUTTEN	500.00	1707.00	21340.00
000190	JAMES	WALKER	400.00	1636.00	20450.00
000200	DAVID	BROWN	600.00	2217.00	27740.00

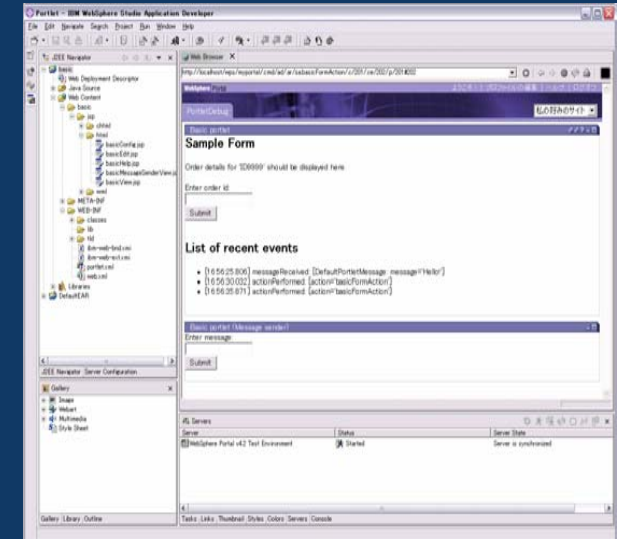
# Rational Application Developer & Portal toolkit



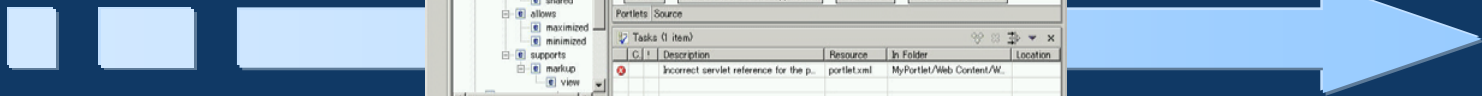
**Generate Portlets by Wizard**



**Building and Customizing**



**Test and Debug In Test Environment**





# Coopération entre portlets - Click To Action

Facilite l'accès aux applications (Vue unifiée)

Envoi de données d'une portlet à une autre

Correspondance des types de données en fonction de l'action des portlets

The screenshot shows a WebSphere Portal interface with several portlets. The 'Orders for October' portlet contains a table with columns 'Order\_ID', 'Customer\_ID', and 'Status'. The first row is highlighted, and a 'Send row to' button is visible. The 'Order Details' portlet shows a table with columns 'Order\_ID', 'SKU', 'Quantity', 'Status', and 'Tracking\_ID'. The 'Customer Details' portlet shows fields for 'Customer\_ID', 'Name', 'Address', and 'Contact'. The 'Account Details' portlet shows a table with columns 'Order\_ID', 'Total Value', and 'Outstanding Balance'. The 'Tracking Details' portlet shows a field for 'Enter tracking id to display details:'. Orange arrows and circles highlight the 'Send row to' button, the 'ON TIME' status, the 'Customer ID' field, and the 'Enter order id' field.

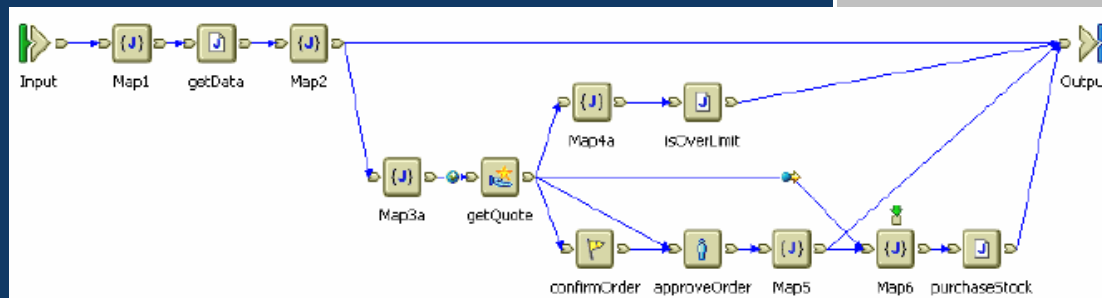
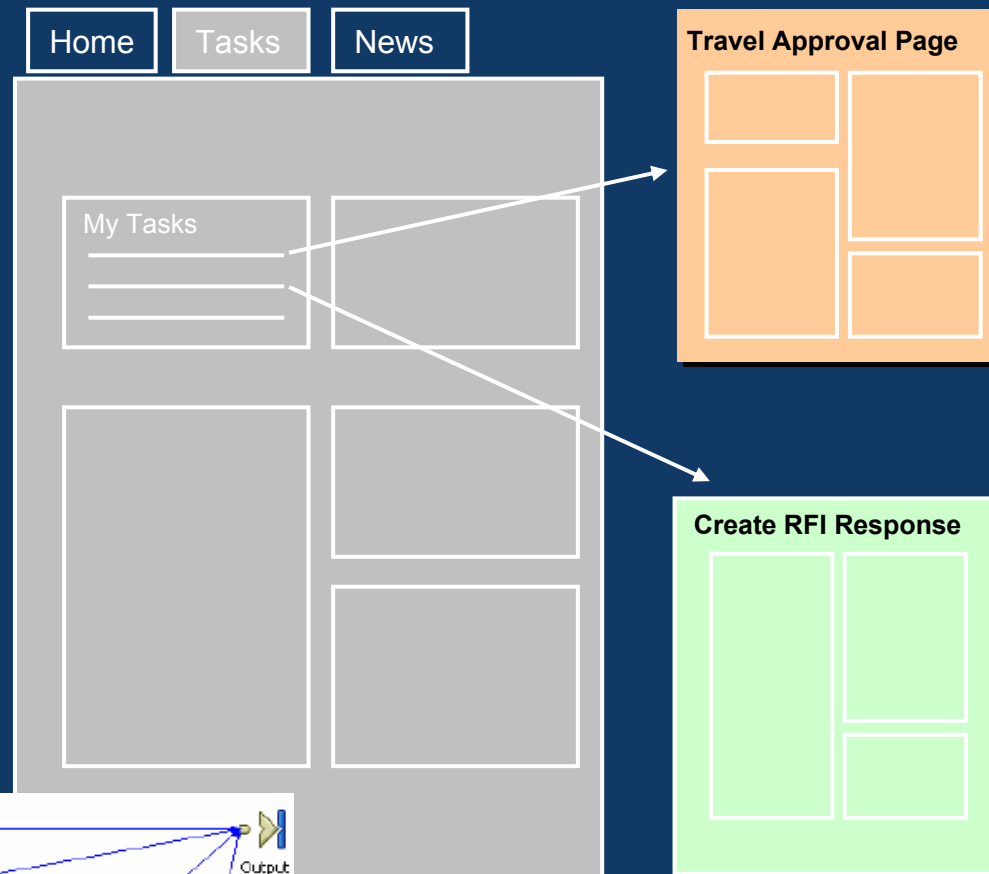
Order_ID	Customer_ID	Status
102001000001	3542877	ON TIME
102001000002	3045388	COMPLETE
102001000003	8266472	COMPLETE
102001000004	2867377	ON_TIME
102001000005	2867377	DELAYED

Order_ID	SKU	Quantity	Status	Tracking_ID
102001000001	BB-128933	7000	ON_TIME	52787953

Order_ID	Total Value	Outstanding Balance
102001000001	\$922,005	\$700,000

# Business Process Integration

- La portlet “My Tasks” permet aux utilisateurs d’interagir avec les processus gérés par “WebSphere Process Choreographer”.
- Chaque fois qu’une tâche est sélectionnée pour action, la pages et les portlets nécessaires sont présentés à l’utilisateur (dynamiquement).
- Le système de navigation du portail prend en compte les activités en cours et leurs états dans le système de Workflow.



# Task Portlet

Column Sorting

Paging control

Actions

Views

My Tasks

Claim Unclaim Mark Complete Show: All tasks

Page 1 of 2 Jump to page:

<input type="checkbox"/> Task	Date ^	Description	Claimed	Details
<input type="checkbox"/> <a href="#">UI Status</a>	03/18/2004 09:51 PM	Report weekly status	✓	
<input type="checkbox"/> Book Travel	03/18/2004 04:15 PM	Trip to Finland to present UI . . .		
<input type="checkbox"/> <a href="#">Approve UI</a>	03/18/2004 12:00 PM	Move Page Spec	✓	
<input type="checkbox"/> <a href="#">Presentation</a>	03/18/2004 08:30 AM	Turn in presentation for tech . . .	✓	
<input type="checkbox"/> <a href="#">Expenses</a>	03/17/2004 09:15 AM	Travel for Germany Trip	✓	
<input type="checkbox"/> UI Update	03/16/2004 08:45 AM	Monthly Meeting Report		
<input type="checkbox"/> Book Travel	03/11/2004 07:00 PM	Trip to Germany for technica. . .		
<input type="checkbox"/> <a href="#">Book Travel</a>	03/10/2004 11:15 AM	Trip to CA for customer mee . . .	✓	
<input type="checkbox"/> Expenses	03/07/2004 10:01 PM	Travel for Boston Trip		
<input type="checkbox"/> UI Status	03/05/2004 06:00 AM	Report weekly status		

Page 1 of 2 Jump to page:

Multi-select

Link to task page (for claimed tasks)

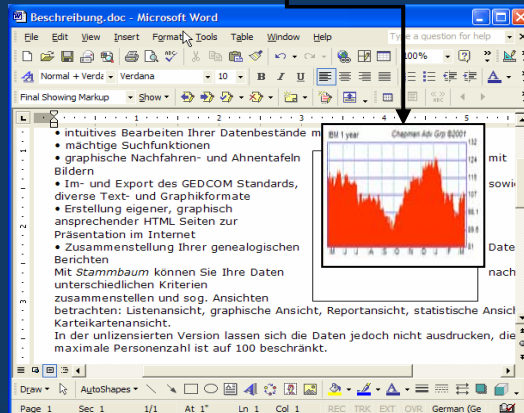
View task details

# WSRP - Remote Portlets

## Data service

100	100	100
101	101	101
96	96	96
100	100	100

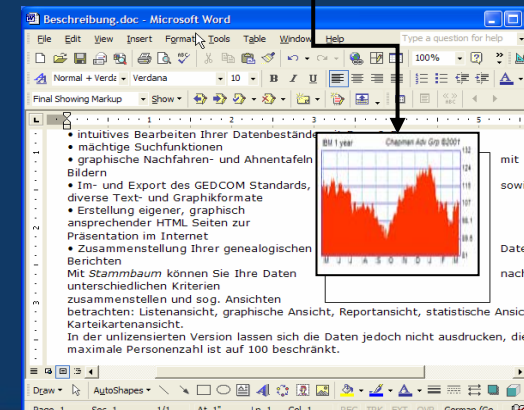
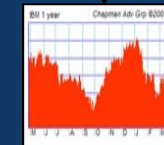
Couche présentation



## WSRP Service

100	100	100
101	101	101
96	96	96
100	100	100

Couche présentation



# Comment utiliser WSRP...

## Producteur

- Développement d'une portlet (utilisant IBM API ou JSR 168)
- Installer la portlet (installation standard)
- Exposer la portlet comme un service WSRP (1 click !!! )

## Consommateur

- Établir une connexion sur le Producteur (à faire 1 x)
- Consommer la portlet sur le portail Producteur
- Positionner les droits et les rôles sur cette nouvelle portlet (idem portlet locale)
- Positionner la portlet dans une page

# Agenda

Principes & Architecture

Intégration d'applications

## ❖ Contenu

- Portal Document Manager (PDM)
- Editeur de documents bureautiques
- Recherche
- WCM
- Perso

Collaboration

Conclusion

# Portal Document Manager

- Gestion de documents depuis WebSphere Portal
  - Navigation à travers la hiérarchie des dossiers définie par l'utilisateur
  - Catégorisation, taxonomie
  - Affichage, ajout, suppression et modification des documents & dossiers

- Contrôle d'accès aux dossiers & documents
- Version de documents
- Approbation des modifications via un workflow personnalisable
- Recherche dans les dossiers & documents
- Abonnement aux dossiers & documents

The screenshot displays the Delta Pacific Bank Document Library interface. At the top, there is a navigation bar with 'My Workplace' selected. Below it, a 'Document Library' section contains a table with columns for 'Title', 'Author', and 'Modified'. The table lists various folders and documents, including 'Compensation', 'Escalation Process', 'Grievances', 'Manuals', 'Proposals (FYI) NEW!', 'Accessibility policy and requirements', 'Dependencies', 'depend\_table', 'Detailed report on EMCR quality engineering', 'EMCR Project Issues (full table as of 9/01/2004)', 'Notes on policy efforts currently in progress', and 'Process Whitepaper NEW!'. A sidebar on the left shows a folder tree with 'Document Library' expanded to show sub-folders like 'All Documents', 'News Articles', 'Plans', 'Management', 'Team NEW!', 'Security', 'Policies', 'Compensation', 'Escalation Process', 'Grievances', 'Proposals (FYI) NEW!', and 'Reference Library'.

Title ^	Author	Modified
<input type="checkbox"/> Compensation		7/23/2004
<input type="checkbox"/> Escalation Process		8/04/2004
<input type="checkbox"/> Grievances		9/03/2004
<input type="checkbox"/> Manuals		8/04/2004
<input checked="" type="checkbox"/> Proposals (FYI) NEW!		9/03/2004
<input type="checkbox"/> Accessibility policy and requirements	Roy Sanchez	7/12/2004
<input type="checkbox"/> Dependencies	John Speakerman	8/04/2004
<input type="checkbox"/> depend_table Q2	Susan Predergast	6/06/2003
<input type="checkbox"/> Detailed report on EMCR quality engineering	Shuhong Dai	9/2/2004
<input checked="" type="checkbox"/> EMCR Project Issues (full table as of 9/01/2004)	Miguel Santiago	8/12/2004
<input type="checkbox"/> Notes on policy efforts currently in progress	Roy Sanchez	8/24/2004
<input type="checkbox"/> Process Whitepaper NEW!	John Speakerman	7/22/2004

# Outils bureautique intégrés

- Éditeurs texte riche, feuille de calcul et présentation
- Disponible depuis le navigateur et sans **aucune installation** sur le Poste Client
- **Aucune licence à acquitter**
- Convertisseur de formats de documents : un document MS Word peut être lu par la suite bureautique intégrée

The screenshot shows a web browser window with two main content areas. On the left, a document viewer displays a 'Scorecard' document titled 'The Quarter'. The document includes a 'Table of Contents' with links to '[Scorecard]' and '[The Quarter]', and a main section titled 'The Quarter' with a sub-header 'Scorecard'. The text below reads: 'ARMONK, N.Y., October 16, 2002 . . . IBM today announced third- quarter 2002 results from continuing operations of \$.99 diluted earnings per common share compared with \$.97 in the third quarter of 2001. Third-quarter income from continuing operations was \$1.7 billion compared with \$1.7 billion in the 2001 third quarter. Revenues were \$19.8 billion, flat (down 2 percent at constant currency) compared with the third quarter of 2001.'

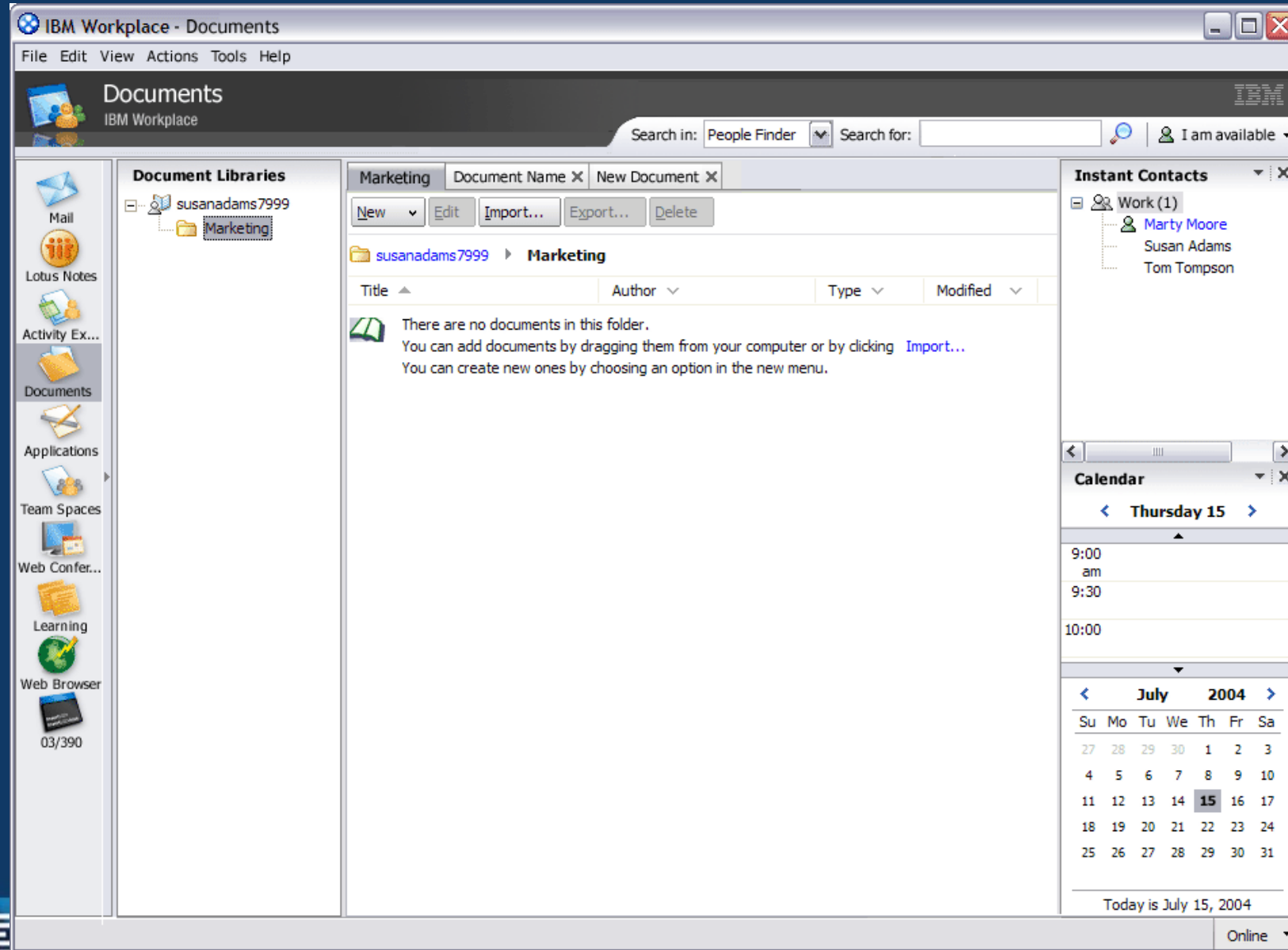
On the right, a pie chart titled 'Revenue 3Q (\$19.8b)' is displayed. The chart is divided into seven segments, each representing a different business unit. A legend on the right side of the chart identifies the segments: Global Services (blue), Enterprise Systems (purple), Personal and Printing Systems (yellow), Technology (light blue), Software (dark purple), Global Financing (red), and Enterprise Investments (dark blue).

Business Unit	Color
Global Services	Blue
Enterprise Systems	Purple
Personal and Printing Systems	Yellow
Technology	Light Blue
Software	Dark Purple
Global Financing	Red
Enterprise Investments	Dark Blue



# Accès aux documents via Client Riche (\*)

(\*) fonction IBM Workplace



# Intégration au bureau Windows (\*)

(\*) Délivré maintenant dans IBM® Workplace™ Services Express et prochainement dans WebSphere Portal

L'extension à l'explorateur Windows permet de travailler avec des documents serveur comme si ils étaient locaux

Les fichiers sont automatiquement stockés sur le "Portal Document Manager" du serveur

The screenshot shows a Windows XP desktop environment. In the foreground, a 'Client' folder is open in the Document Manager, displaying a list of files:

Name	Author	Last Modified
IBM Workplace Client Update AB call 3 19 2004.pps	wpsadmin	5/12/2004 3:52:01 PM
White paper 1_v02_121903_base_limdis.doc	wpsadmin	5/12/2004 3:52:10 PM
Workplace Client Integration.ppt	wpsadmin	5/12/2004 3:52:14 PM

In the background, a Microsoft Word document is open, showing text about collaborative activities and a diagram illustrating the transition from ad hoc communication to formal collaboration.

**Keywords**  
CSCW, Computer-mediated communication, Object-centric sharing, Activity-centric collaboration, User study, Evaluation, synchronous/asynchronous collaboration.

**INTRODUCTION**  
Ad hoc collaboration systems, such as email and chat are lightweight and flexible, and provide good dynamic support for short-term communication needs. However, for those collaborative activities which extend over longer periods of time, or over larger numbers of participants, these media rapidly become unmanageable. At the other extreme, structured shared workspaces provide good support for making sense of large corpora of messages and files. However, these environments are relatively labor-intensive to initiate, and discourage people from using them for small-scale or short-term collaborations.

The result is often that a single collaborative activity is managed with multiple stores of shared resources and media, such as email, chat, wikis, discussion databases, listservs, and document management systems. This diversity of shared resources means that people must monitor and participate in multiple shared venues, dividing

brief conversation that begins as a chat may need to be transferred into email, so as to enfranchise a larger number of participants, or for the convenience of people who are in different time zones. Moreover, if the number of people or shared resources increases, then email may prove a chaotic venue for large-scale collaborations, and it becomes necessary to transfer the resources again into a structured discussion space or a document management system.

**Figure 1: From ad hoc communication to formal collaboration**

Our research in the Instant Collaboration project [5,6] investigates technologies that can help bridge these gaps between small vs. large numbers of participants, brief vs. extended collaborations, and informal vs. formal structures (see Figure 1). Our project has three goals:

- The first goal is to provide a hybrid system that could, at its margins, accommodate brief and informal interactions, but could also hold longer-term resources that people could share and manage.
- The second goal is to provide hybrid means for

# Recherche

- Fonctions d'indexation et de recherche améliorée
  - Analyse de texte évoluée, résumé, catégorisation, taxonomie
- Augmentation du nombre de formats de documents indexés
- Portlets d'archivage, de recherche et d'accès aux documents

Document Search

**Search Results** [Browse Documents](#)

Search whole document for

Search In:  For:  Select document type:  Search Under:

[Hide Advanced Options](#) | [Clear Search Results](#)

---

Results for: **flowers**

5 results found, sorted by relevance [Sort by Date](#) | [Hide Details](#) 1 - 5 of 5

---

<a href="http://willrc:9080/PlantsByWebSphere/login.jsp">http://willrc:9080/PlantsByWebSphere/login.jsp</a>	73% 8/14/03
<i>Summary:</i> If you are a Return Customer and previously set up an account and profile with Us please enter your E mail address and password If you are a New customer you can register for your own account here <b>Flowers</b> : Fruits & Vegetables : Trees : Accessories	
<i>Category</i> ->root->Uncategorized	
<a href="http://willrc:9080/PlantsByWebSphere/servlet/AccountServlet?action=account">http://willrc:9080/PlantsByWebSphere/servlet/AccountServlet?action=account</a>	73% 8/14/03
<i>Summary:</i> If you are a Return Customer and previously set up an account and profile with Us please enter your E mail address and password If you are a New customer you can register for your own account here <b>Flowers</b> : Fruits & Vegetables : Trees : Accessories	
<i>Category</i> ->root->Uncategorized	
<a href="http://willrc:9080/PlantsByWebSphere/servlet/ShoppingServlet?action=getocart">http://willrc:9080/PlantsByWebSphere/servlet/ShoppingServlet?action=getocart</a>	73% 8/14/03
<i>Summary:</i> Here is the contents of your shopping cart You can edit the quantities from this page and select 'Recalculate' to adjust your selections and subtotal Select 'Checkout' to begin the checkout process	
<i>Category</i> ->root->Uncategorized	
<a href="http://willrc:9080/PlantsByWebSphere/promo.html">http://willrc:9080/PlantsByWebSphere/promo.html</a>	72% 11/11/02
<i>Summary:</i> Gardens of Summer: They all start with the right colors and we've got them all	

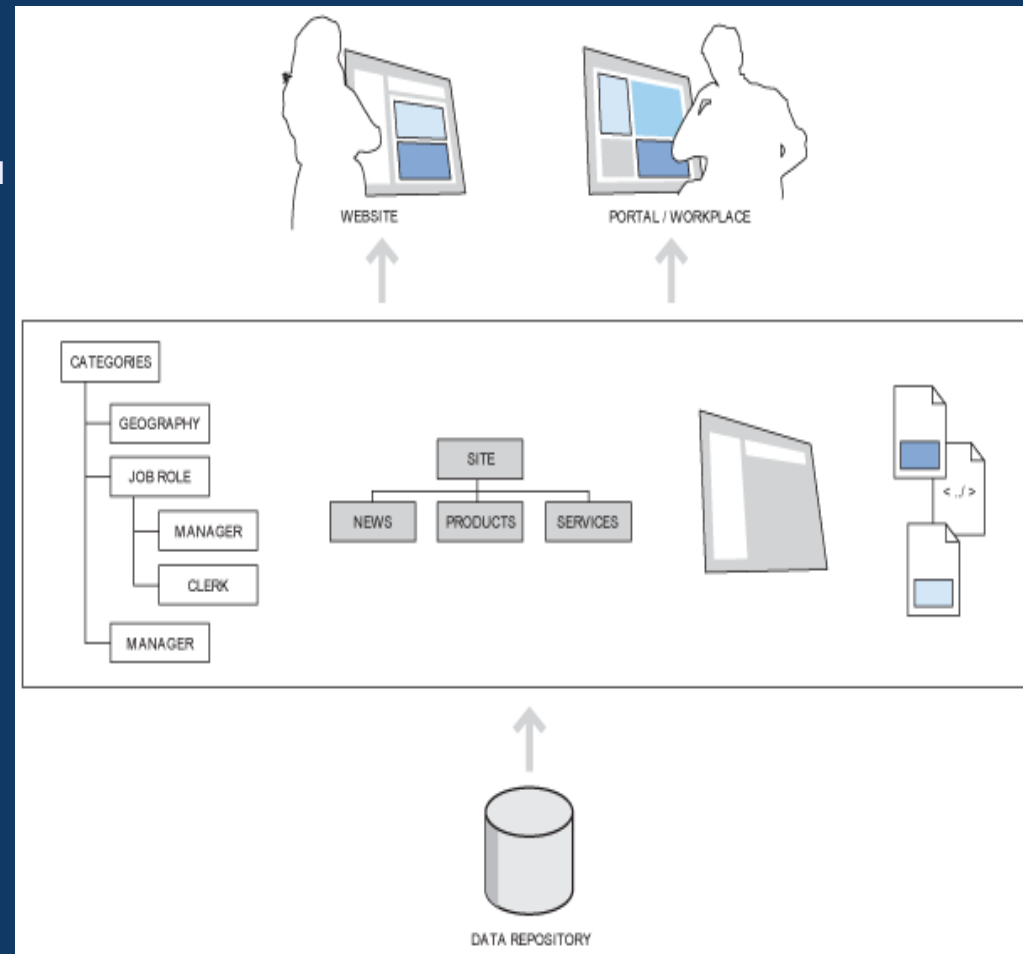
Demo...

ENVISION  
DECISIONS



# IBM Lotus Workplace Web Content Management

- Permet de Créer(Rédiger), d'Assembler, d'Organiser, de Maintenir et de Publier du contenu dans des sites Web.
- Rédaction basée sur des Templates
  - End users
  - Élimine l'action systématique des webmasters
- Séparation du contenu de la structure et du design
  - Facilite la réutilisation.
- Sitemap
  - Génère automatique la navigation
- Taxonomies
  - Catégorisation des documents et réutilisation dans différentes localisation
  - Personnalisation
- Sécurité
  - Les utilisateurs ne voient que ce à quoi ils ont droits
- Composants réutilisables
- Cycle de vie
  - De la création, jusqu'à l'archivage



# L'interface de gestion de contenu

**Product**

Affichage de 1 - 2 élément(s) sur 2 Filtrés

	<u>Filtre</u>	<u>Filtre</u>	<u>Filtre</u>	<u>Filtre</u>
<input type="checkbox"/>	<u>Nom</u>		<u>Statut</u>	<u>Date d'enregistrement</u>
<input type="checkbox"/>	Domino	ooo		22 oct. 2003 01:26:25 CEST
<input type="checkbox"/>	WebSphere	ooo		22 oct. 2003 01:26:41 CEST

- Bibliothèque de contenus
- Conception et développement
- Gestion de site
  - Structure du site
  - Zones de site par titre
  - Gestion de catégories
    - All Categories
    - Intranet Categories
      - Cities
      - Color
      - Feature
      - Homepage Component
      - Product**
        - Domino
        - WebSphere
      - Template Type
- Gestion de flux de travaux


IBM WebSphere Portal - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address [http://tsmitt30.raleigh.ibm.com:9081/wps/myportal/!ut/p/\\_s\\_7\\_0\\_A/7\\_0\\_CH/.cmd/ad/.ar/1736760538/.pm/-/c/6\\_0\\_9D/.ce/7\\_0\\_1BP/.p/5\\_0\\_18L/.d/2#7\\_0\\_1BP](http://tsmitt30.raleigh.ibm.com:9081/wps/myportal/!ut/p/_s_7_0_A/7_0_CH/.cmd/ad/.ar/1736760538/.pm/-/c/6_0_9D/.ce/7_0_1BP/.p/5_0_18L/.d/2#7_0_1BP) Go Links

MyStories: Label WCM Custom UI My Favo

Content Custom UI



**YourCo** – building a better tomorrow

Name:

Description:

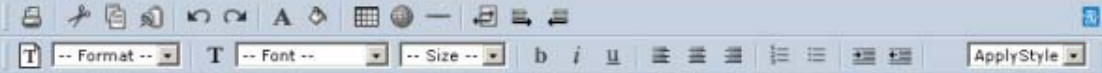
Author:  Author Email:

Author Image:  Browse...

Display Title:

Story Abstract:

Story Body:



Story BodysStory Bodys

Submit Publish Cancel

### Company News

[WebSphere Application Server](#)  
[WebSphere Portal](#)  
[Lotus Domino](#)  
[Collaboration Center](#)

Content Renderer

Internet

# Personnalisation évoluée

Personalization Navigator

Select View:

Browsing Workspace Page 1 of 1

* Name	Type	Author	Last Modified
<input checked="" type="checkbox"/> <a href="#">Get Company X Competitor News</a>	Rule	wpsadmin	November 29, 2004, 04:09:59 PM
<input type="checkbox"/> <a href="#">Get Competitor News</a>	Rule	wpsadmin	November 29, 2004, 04:03:54 PM
<input type="checkbox"/> <a href="#">Get Corporate News</a>	Rule	wpsadmin	November 29, 2004, 04:04:06 PM
<input type="checkbox"/> <a href="#">Get Docs</a>	Rule	wpsadmin	November 29, 2004, 03:14:37 PM
<input type="checkbox"/> <a href="#">Get Travel News</a>	Rule	wpsadmin	November 29, 2004, 04:03:16 PM

[Hide Explorer View](#) (1 selected) Page 1 of 1

---

Personalization Editor

**Get Company X Competitor News** Last Modified November 29, 2004, 04:09:59 PM

Located in [Workspace Root](#) wpsadmin

**Description** None

**Output Type** com.ibm.websphere.personalization.resources.cm.CmResource

**Collection Type** [Document Collection](#)

**Rule Type** Select Content

Select content  
 whose Document Collection.Title includes X or  
 whose Document Collection.Description includes X  
 order as is



# Agenda

Principes & Architecture

Intégration d'applications

Contenu

❖ **Collaboration**

Conclusion



# Collaboration Center

Helping You Work Together

- Forum de discussion
- Messagerie instantanée
- Bibliothèque de documents
- Calendrier de groupe
- Liste de tâches
- Formulaire web avec workflow associé
- Espaces de travail virtuels

Delta Pacific Bank Welcome Cathy Robins! | Edit my profile | Help | Log off

Home | HR | **Collaboration Central** | Working Campus | Help Desk

---

**- Collaboration Tools**

**- Reservations**

- Conference Rooms
- Teleconference
- Video Conference

**- Best Practices**

- Using the Tools
- Working Together
- Leading a Team

**- Forums**

---

**Lotus Web Conferencing**

Find Meeting | Schedule Meeting

To find an unlisted meeting, type the exact meeting name.

**Active Meetings** 1-2 of 2 [Refresh](#)

**09/17/2002**

11:00 am **Review BBB report with Jane**

- Cathy Robins
- Project Update Meeting
- Marie DePaul

1-2 of 2 [Refresh](#)

**My Team Workplaces**

View | Advanced Search | New

Search My QuickPlaces

**My QuickPlaces** 1-5 of 12 [Refresh](#)

Title	Updated
Prospects QuickPlace	09/17/2002
BBB Acquisition War Room	09/16/2002
Acquisitions Board	08/29/2002
Project Manager Resource	08/13/2002
NewCard Acquisition	07/14/2002

1-5 of 12 [Refresh](#)

**People Finder**

Advanced Search

Search in:

Search for:

---

**Search Site**

[Advanced Search](#)

---

**My Calendar**

September 2002

17 Tuesday 18 Wednesday

- 11:00 AM Review BBB report with Jane  
Location: e-meeting
- 03:00 PM Project Update  
Location: NY 5661
- 01:00 PM BBB Review Team  
Meeting Location: conference call

**Lotus Sametime List**

- Work
  - Gerald Brett
  - Mary LaRose
  - Dave Connolly
- Prospects
  - Brenda Churchill
  - Cathy Robins
  - Fred Hull
  - Joy Murray

My Lotus Notes Mail

Server: ecat-hub.lotus.com

Subject	Who	Date
Hi there	Alan Lepofsky	05/17/2002
here is the file you need	Alan Lepofsky	05/17/2002
what's up with the new project?		

Chat  
Send E-mail  
Show Profile

Demo...

ENVISION  
DECISIONS



# Portlet d"email" consolidée (Lotus , IMAP, POP3 et Exchange)

The screenshot shows a web browser window displaying the IBM WebSphere Portal. The main content area features an email portlet with the following elements:

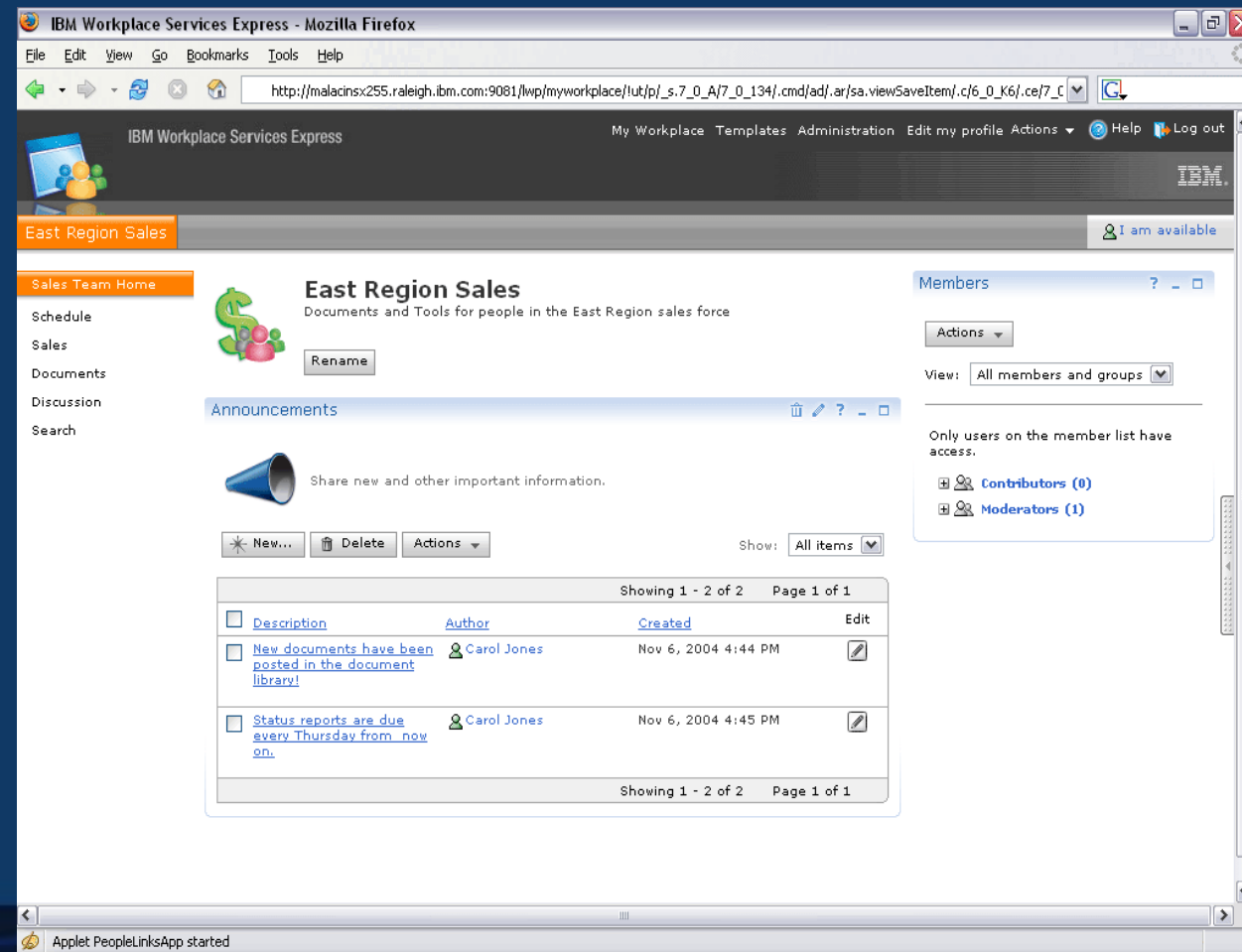
- Navigation:** A menu bar at the top includes "My Workplace", "Welcome", "Personalization", "My Work", "Documents", "My Finances", and "My Favorites".
- Portlet Header:** A sub-menu includes "E-mail", "Productivity", "Calendar", and "Developers Area".
- Instructions:** A text block explains that users can access Lotus Domino-based, Microsoft Exchange-based, IMAP-based, or POP3-based e-mail from the IBM Common Mail portlet. It includes links for "Configure page" and "Edit page".
- Mail Interface:** A "Mail" section contains buttons for "Check for Mail", "Compose", "Move to Folder...", "Delete", "Manage Folders", and "Actions".
- Inbox List:** A table displays the following data:
 

<input type="checkbox"/>	From	Subject	Date	Size
<input type="checkbox"/>	Luciano Resende	<b>! Please get ready for the session practice in the morning</b>	11/3/04	1K
<input type="checkbox"/>	Luciano Resende	<a href="#">WebSphere Conferece demo 1</a>	11/1/04	1K
<input type="checkbox"/>	Administrator	<a href="#">Your Credit Card Information</a>	11/1/04	1K
<input type="checkbox"/>	Luciano Resende	<b>Fw: Save More on Bargain Hotels in Seattle, WA!</b>	10/30/04	29K
<input type="checkbox"/>	IBM developerWorks newsletters	<b>IBM developerWorks technology, Issue 43 - 2004 October 28</b>	10/29/04	53K
<input type="checkbox"/>	Luciano Resende	<b>Fw: 130.000 vagas de emprego em todo Brasil!</b>	10/28/04	62K
<input type="checkbox"/>	Luciano Resende (Discussion List)	<b>Fw: Reveillon Internacional</b>	10/28/04	18K
<input type="checkbox"/>	Luciano Resende	<b>Fw: All Access Birthday Bonus</b>	10/28/04	14K
<input type="checkbox"/>	Luciano Resende	<b>Fw: O emprego e a retomada econômica</b>	10/27/04	21K
- Folder List:** A sidebar on the left shows folders: "Inbox", "Drafts", "Sent", "All Messages", "Junk Mail", "Trash [Empty]", and "Tech - Java".

# IBM® Workplace™ Collaboration Services

IBM® Workplace™ Collaboration Services est un ensemble de composants collaboratifs basés sur J2EE

- Team collaboration services
- Document services
- Messaging services
- Web content management services
- Learning services



# Agenda

Principes & Architecture

Intégration d'applications

Gestion de documents & recherche

Collaboration

 **Conclusion**

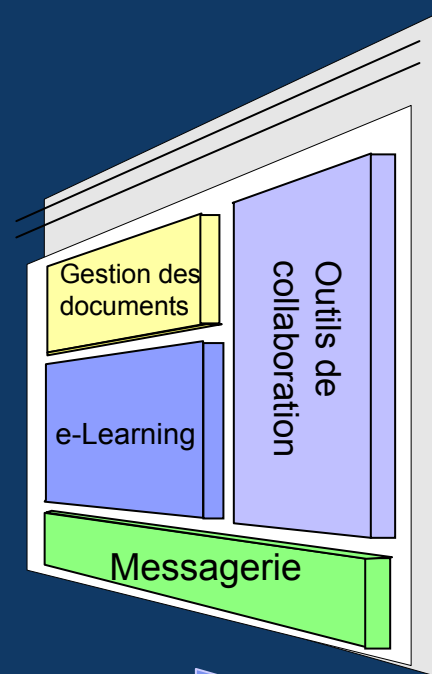
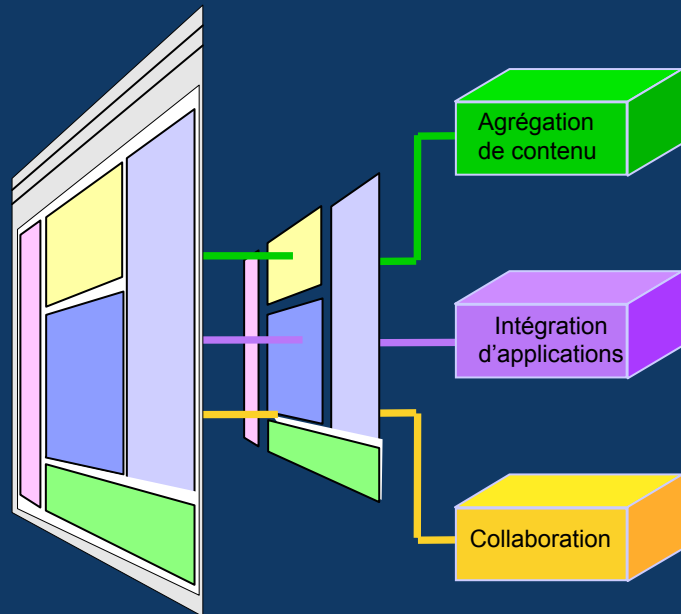
# WebSphere Portal

# Lotus Workplace

## Interface utilisateur & Intégration

## Applications collaboratives

Présentation Services Portail Intégration



### Gestion des documents & contenu

Publication Web  
Gestion documentaire d'entreprise

### eLearning

Développement & gestion de cours  
Cours en ligne

### Collaboration

Messagerie instantanée  
Réunions virtuelles  
Espaces collaboratifs

### Messagerie

Messagerie asynchrone  
Agenda  
Carnet d'adresses

