

WebSphere software



 e-business software

What's New in WebSphere Portal v4.1

May 2002

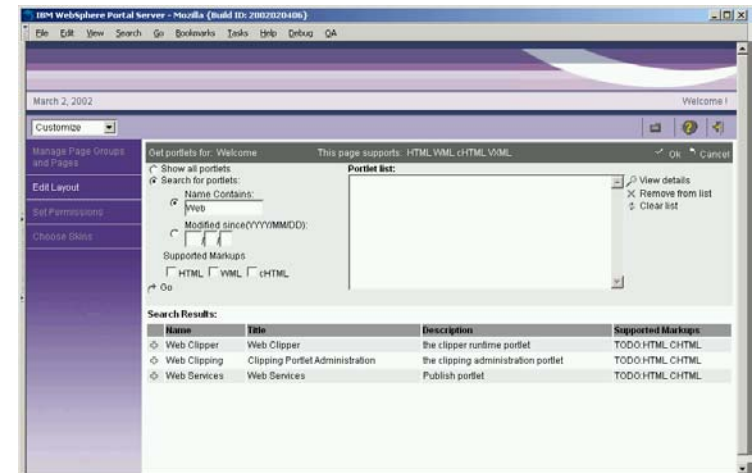
IBM Software Group

New Features in 4.1

- WAS 4.0 Support
- Advanced layout and page customization
- Virtual portals (page groups/Places)
- Administration portlets
- Web Services
- Collaboration services
- Content and Search portlets
- Logging for site analysis

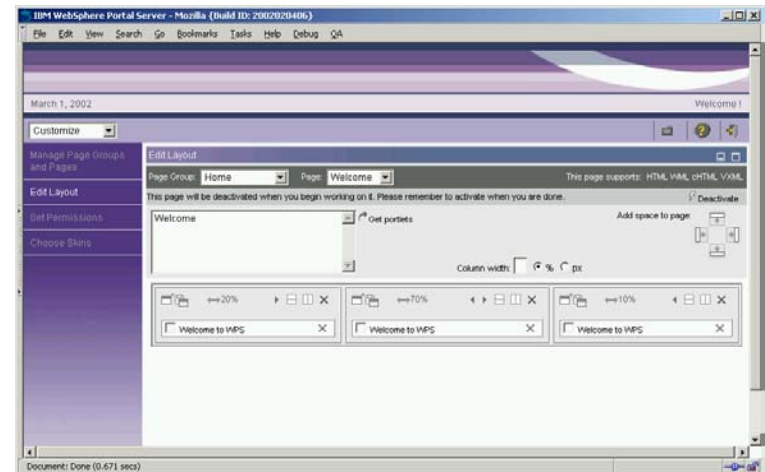
Customizing the Portal

- Users can create personal pages
 - choose arrange content they have access to
- Multiple page tabs
 - personal tabs
 - shared tabs
- Users in different roles see different pages and different content
 - individual pages, plus
 - pages that were created by someone else and granted to that user (or group)
- Page Groups contain sets of pages
 - Unique Look and Feel
 - Delegated Administration
 - Access control by user and group



Page Layout and Content

- Layout
 - branding elements at the top
 - drop-down list switches among different sets of tabs (page groups)
 - page tabs across the top
 - each page has its own layout
 - any row/column layout is possible
- Content
 - administrators can set up different areas of the page for groups of users
 - areas can be locked or accessible to end users
 - page administration can be delegated to others



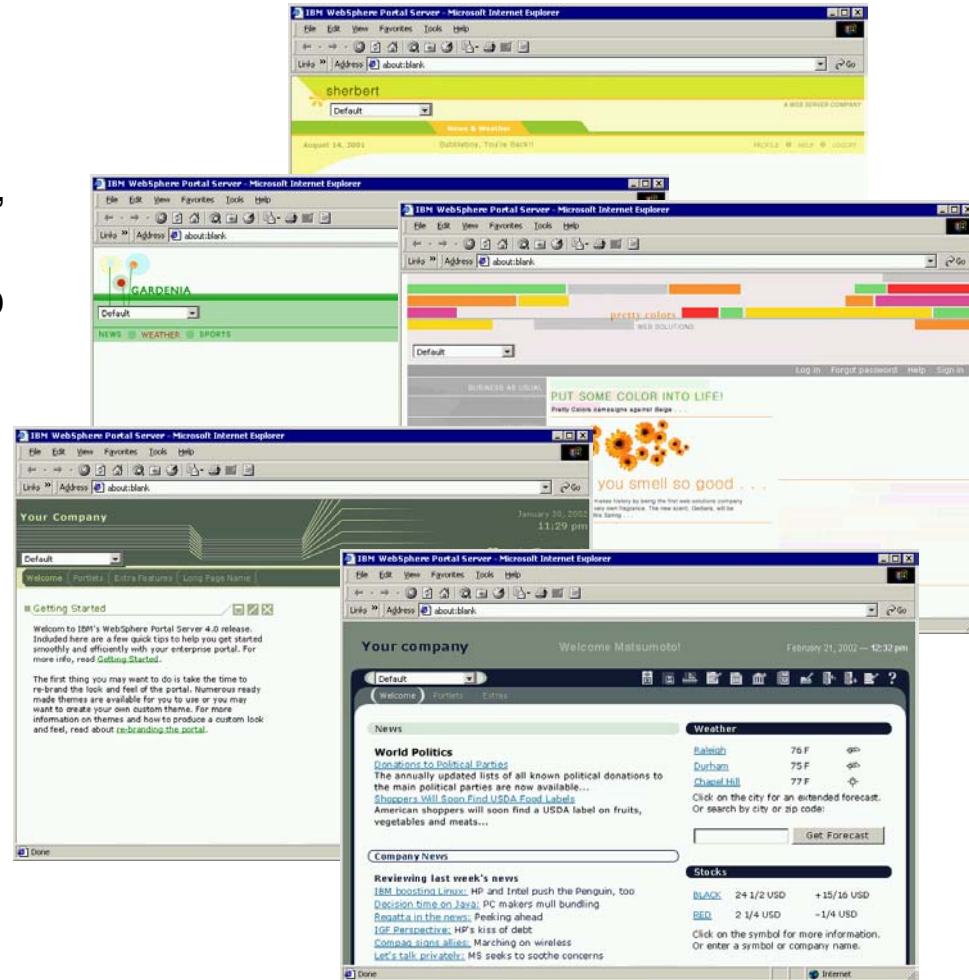
Themes and Skins

- Themes

- colors, fonts, and layout used on the page
- consist of cascading style sheets, images, jsp page templates, etc.
- can be applied to any page group

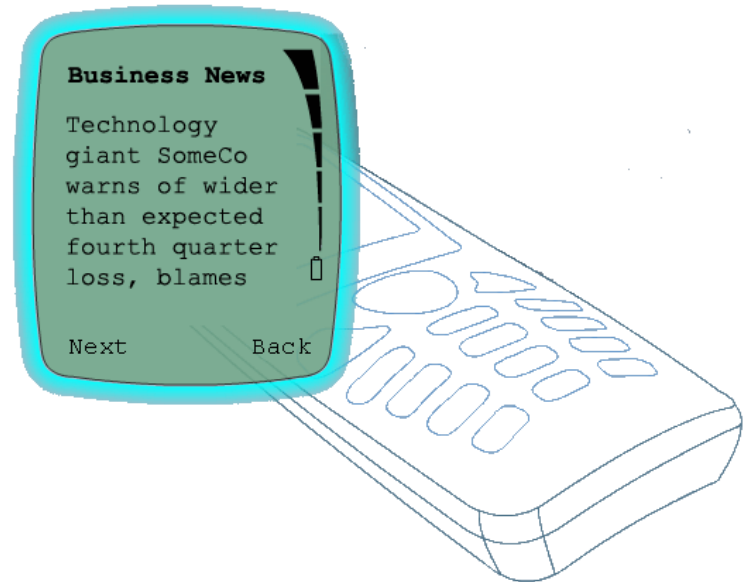
- Skins

- decorations around any portlet
- each portlet can have a different skin



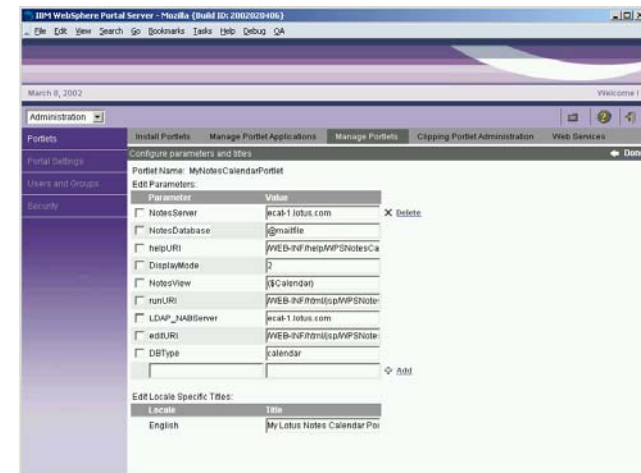
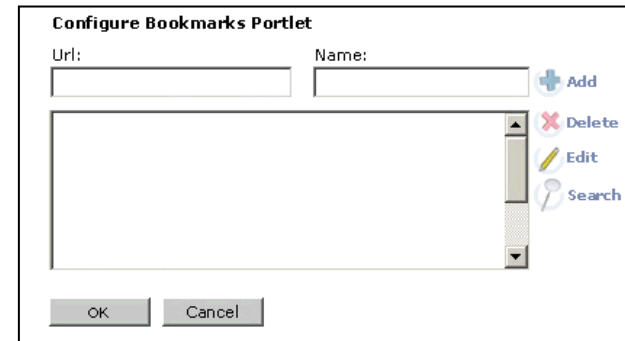
Mobile Access

- Access from anywhere, anytime
- Desktop and mobile browsers
 - Internet Explorer
 - Netscape Navigator
 - WAP/WML phones
 - iMode/cHTML phones
- Services, content and user interface are adapted to the device and user's context
- More devices in the future
 - personal digital assistants
 - Voice



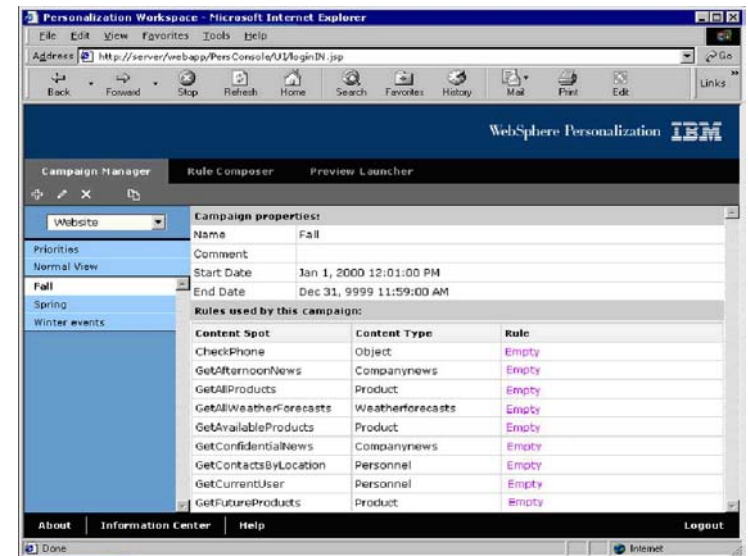
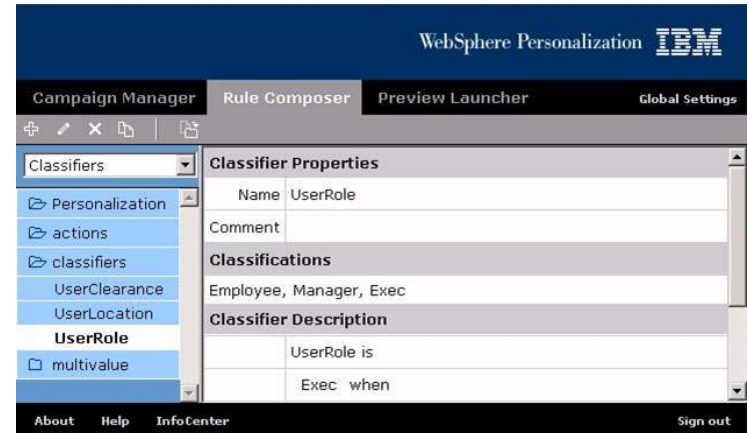
Personalizing Portlets

- Users edit portlet settings
 - e.g. set up bookmarks
- Administrators configure portlets
 - e.g. define global settings for all users
- Advanced personalization
 - portlets can display targeted content using business rules

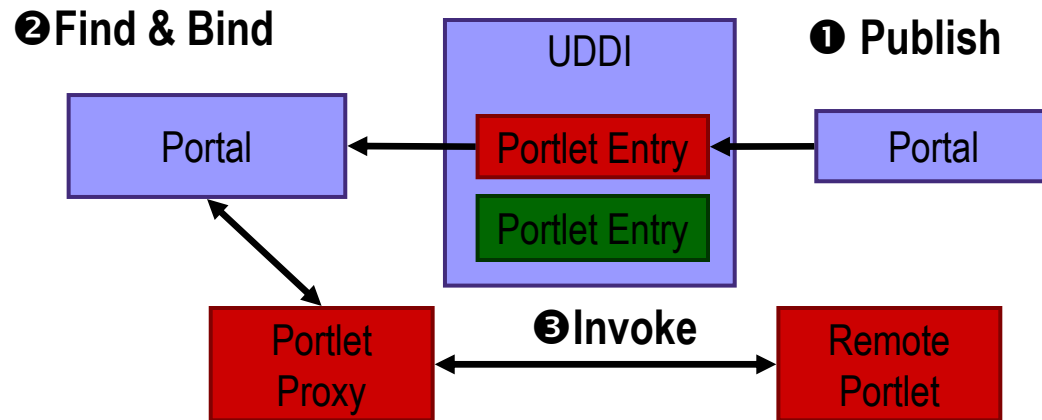


WebSphere Personalization

- Included with the Portal Server
 - a **Rules** engine to select content for the user, e.g. display special discounts to certain customers
 - a **Recommendation** engine to select content based on common interests or behaviors
 - a **Campaign Manager** for e-mail and web-based promotions



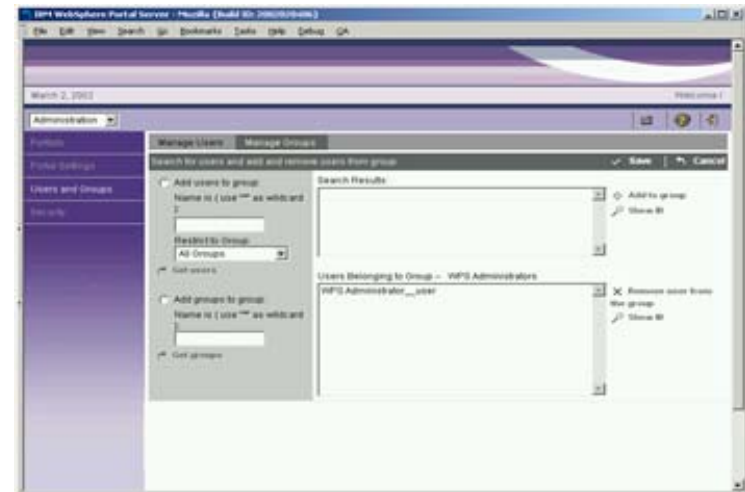
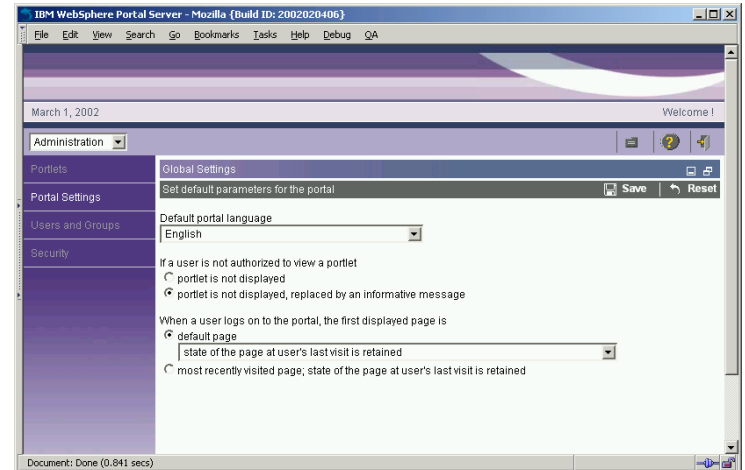
Portlet Web Service – Federated Portals



- Administrator publishes portlet as a web service
- Administrator of another portal finds the service and binds to it
- Users of the second portal use the portlet as if it were local
- Portlet web services are aware of portal context (optional)
 - Remote user profile, device type, preferred language

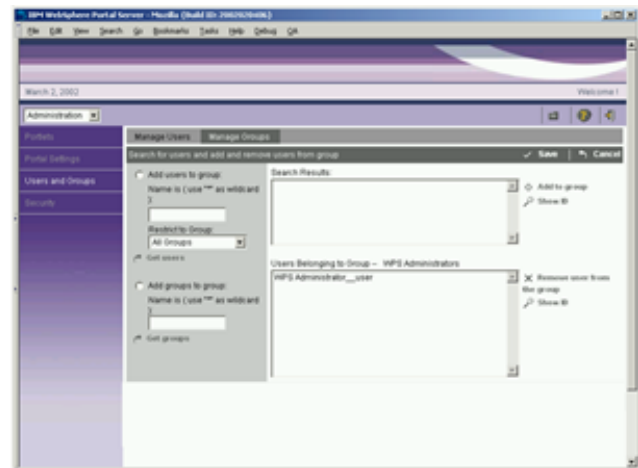
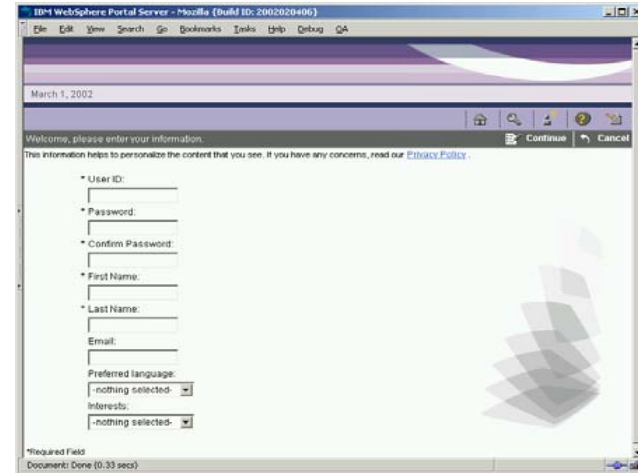
Administration

- Many new portlets
 - web clipping/proxy
 - install, copy, configure portlets
 - manage users and groups
 - publish and find web services
 - manage access rights
 - portal-wide settings, logs
 - content organizer and search
 - themes and skins
 - credential vault
 - pages and page groups
- By granting access rights on these portlets, you can delegate administration tasks



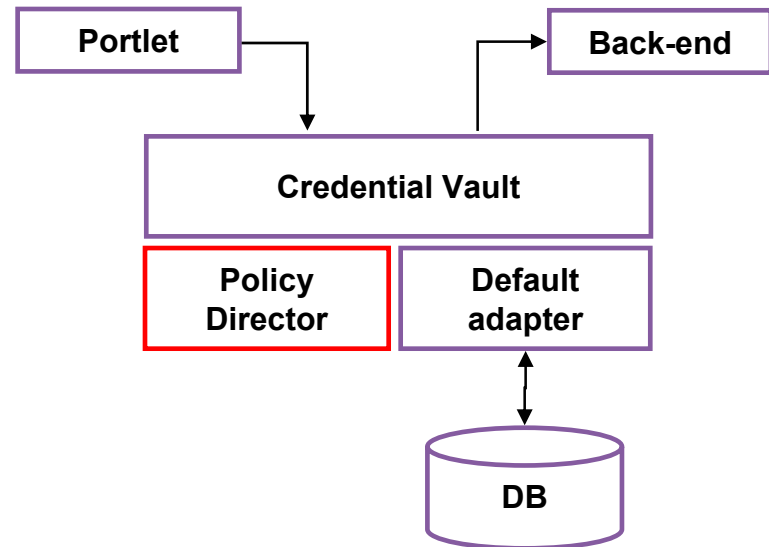
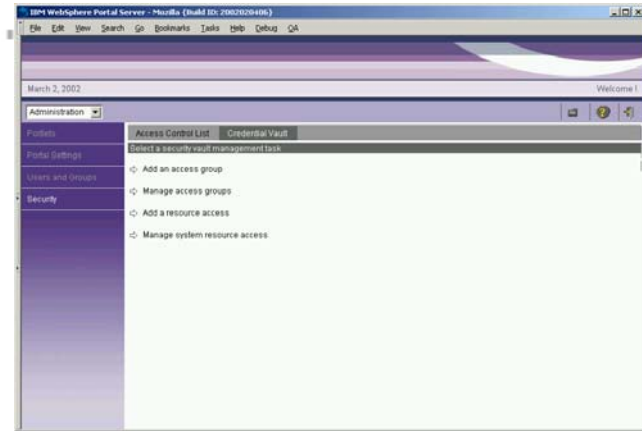
User and Group Management

- Portal server works with existing LDAP directories
 - IBM, iPlanet, Domino
 - stores basic user information and groups
 - used for authentication
- Portal-specific information is stored in database tables
 - DB2 or Oracle
 - portal configuration and user settings



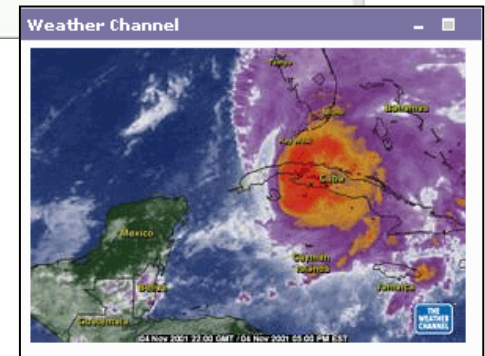
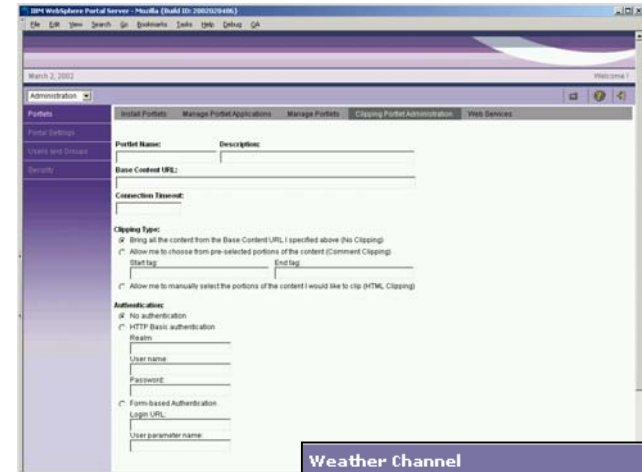
Security - Single Sign-on

- Portlets can store credentials
 - managed by credential vault portlet service
 - access restricted to portlet of same portlet application
 - adapters for portal database and Policy Director
- Portlets can pass credentials
 - in authentication headers
 - or application-specific calls



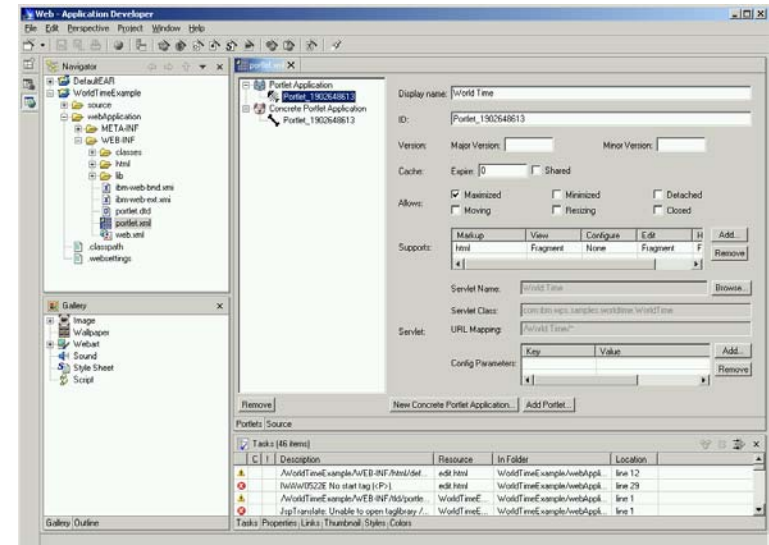
Creating Portlets

- Most new portlets don't require any coding
 - use building block portlets with different settings
- Building block portlets
 - clipped web pages
 - XML/XSL
 - RSS/OCS
 - any servlet
 - any markup fragment
 - data files



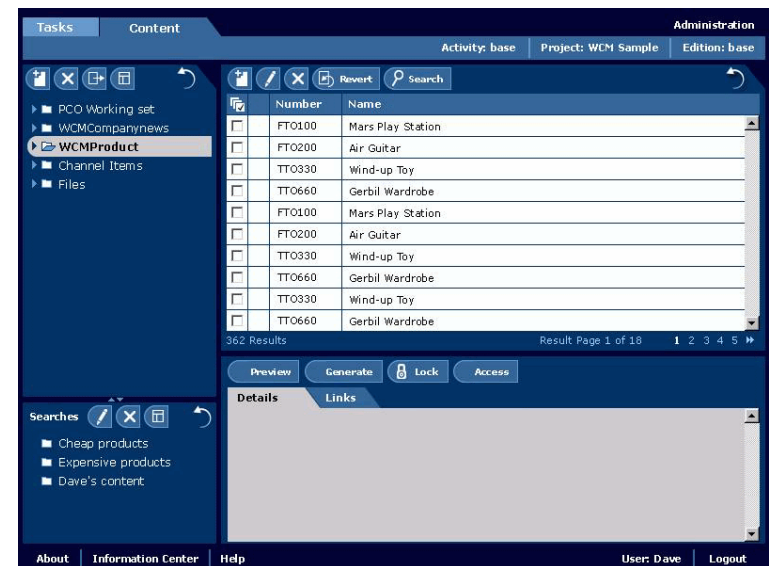
Developer Tools

- WebSphere Studio
 - tools for professional developers
 - develop Java Server Pages, Java beans, connectors
 - test/debug environment
 - web services tools
- Portlet Plugins
 - edit portlet descriptor
 - wizard for creating new portlets
 - develop, test, debug portlets



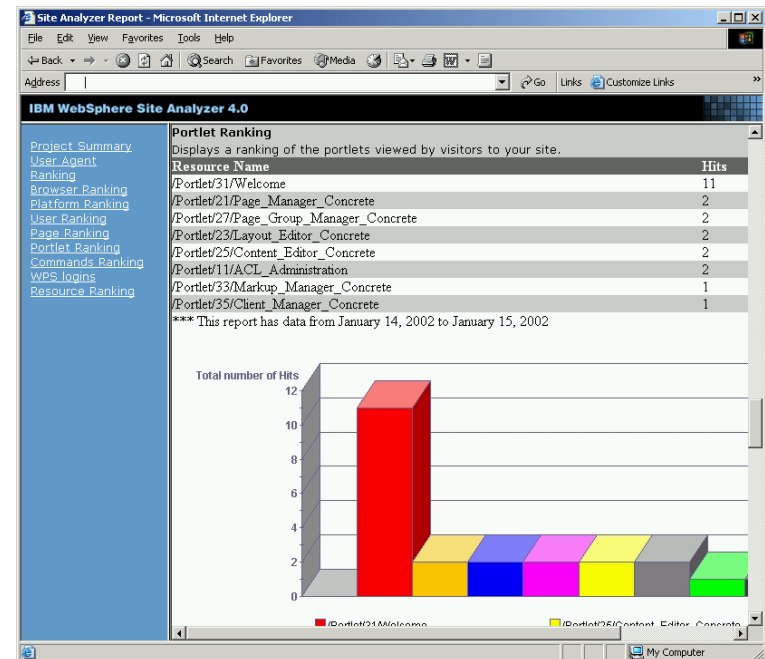
Content Contributor Tools

- Content Publisher
 - Studio plugins and web-based tools
 - add, edit, and preview content through web-based tools
 - use templates for content authoring or upload files
 - workflow and approvals
- Portal integration
 - Scheduled import syndicated content
 - exit for content categorization
 - publish to Portal's Content Organizer portlet



WebSphere Site Analyzer

- Site usage analysis
 - gathers site information by processing web server logs
 - reveals who is using your portal site and how they navigate through it
- Reports
 - Hits, sessions, visitors, page views
 - User Agent, Browser, Platform Ranking
 - Frequency of visits
 - Page Ranking



Extend Offering

- Collaboration Portal
 - places and memberships
 - people and place awareness
 - instant messaging
 - team rooms
 - project management tools
 - extended search
 - site analytics

Experience

- Tivoli Policy Director
- IBM Content Manager
- EIP Client Kit for Content Manager
- Lotus Sametime
- Lotus QuickPlace

Extend

- Lotus Collaborative Places
- Lotus Collaborative Services
- Extended Search
- WS Site Analyzer

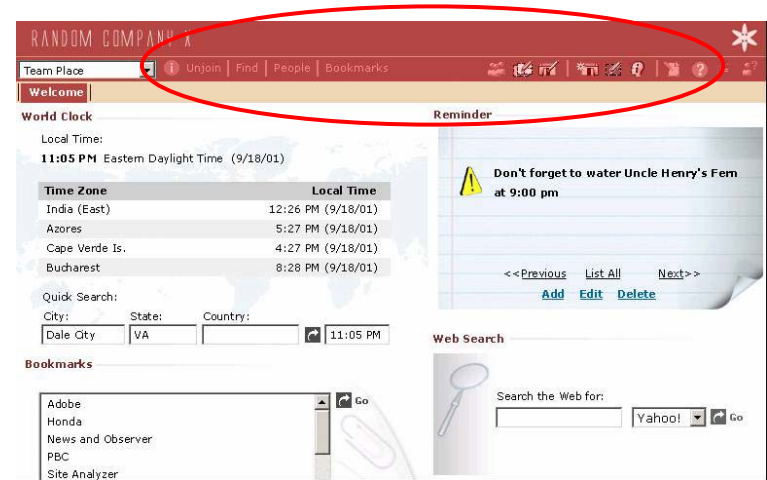
Enable

- Portal Server
- Personalization
- WebSphere Application Server

*Names subject to change

Places

- Places are special page groups
 - Collections of related tools, applications, pages and portlets dedicated to a certain topic
 - Personal places
 - Shared team and community places
 - Membership/role security
 - Built-in collaboration tools
 - Bookmarks
 - Customized by administrators and end users
 - Template Based
 - Easy to create new places
 - Save and Reuse/KM



Collaborative Portlets

- Embedded document and people functions inside portlet

The screenshot shows a web-based email interface titled "MY NOTES E-MAIL". It features a table with columns for "Subject", "Who", "Date", and "Size". The table lists several email messages. Two context menus are open over the messages:

- The first menu is open over the message "Open" (subject: "all Number", sender: "Sandra", date: "12/05/2001", size: "1,410"). The menu options are: Open, Edit, Reply, Reply with History, Reply To All, Reply To All with History, Forward, and Delete.
- The second menu is open over the message "Message..." (subject: "Update Series - Dec. 14th", sender: "Fe", date: "12/05/2001", size: "94"). The menu options are: Message..., Share Application..., Send E-mail..., Show Profile..., Find Documents Authored By..., and Add to Contacts...

Subject	Who	Date	Size
IBM Service Request #07675096	Ibm Nm	12/05/2001	3,233
IBM Service Request #07773237	Ibm Nm	12/05/2001	3,229
PWC Briefing	Susan Janiak	12/05/2001	116,728
Re: REMINDER - KM S&S TEAM MEETING TODAY 9:00-10:00	Glen Kelley	12/05/2001	10,757
SWG Portal Family Offerings: Updated Pipeline/Milestone Portal & UEX worksheet	Peter Miller	12/05/2001	1,309,05
Open	Sandra	12/05/2001	1,410
Message...	Fe	12/05/2001	94
Update Series - Dec. 14th			347
at Pow Wow			260
PS information			235
covery Server			
emo	Jose Bravo	12/05/2001	18,727

Built-in collaboration capabilities

- Place based design
- Online people awareness/Instant messaging
- Embedded project management tools
 - Discussion forum, document library, group calendar, tasks

The screenshot displays a web application interface for 'Swift Bank'. The main content area is titled 'Swift Bank Projects' and features a 'Calendar' for January 2002. The calendar shows dates from 31st to 3rd, with the 26th and 27th highlighted in yellow. Below the calendar, it indicates 'Times shown are: Eastern Standard Time (GMT -5:00)' and a 'Go To Top' link.

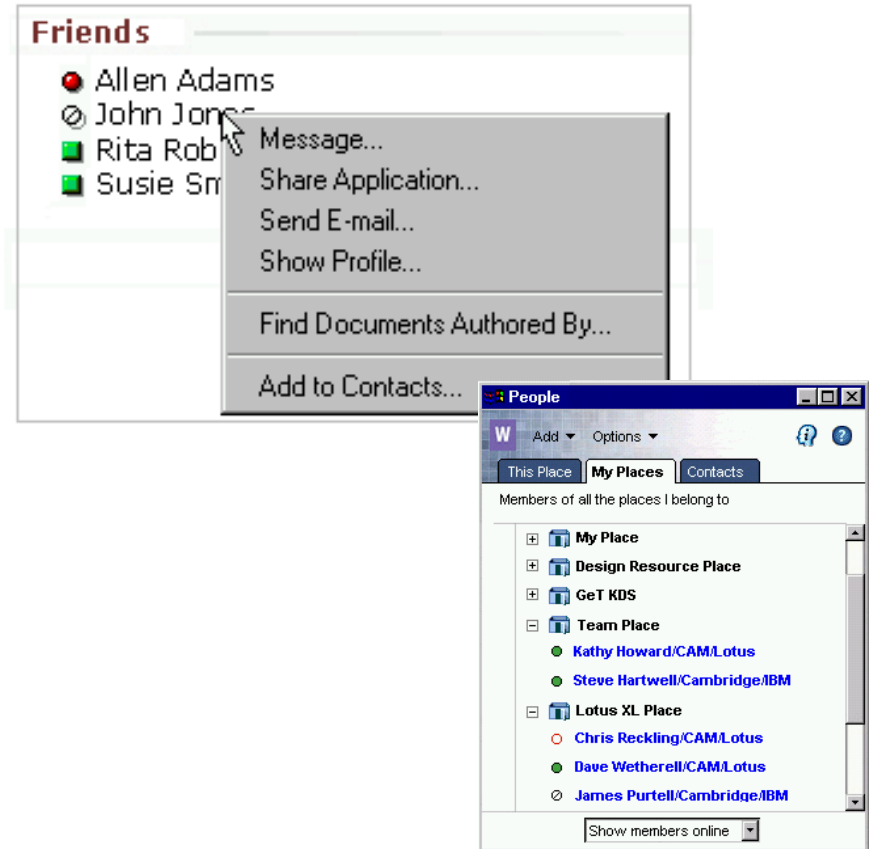
On the right side, a 'People' window is open, showing a list of members for 'My Place'. The members listed are:

- Bob By/Swiftbank
- Elena George/Swiftbank
- SE Sales Team
- Joe Smith/Swiftbank
- Lisa Burns/Swiftbank
- Jim Davis/Swiftbank

The interface also includes a 'My Place' dropdown menu with options like 'HR Info', 'Loan Center', and 'Knowledge Central'. A search bar is visible at the bottom left of the main content area.

Lotus Collaborative Services

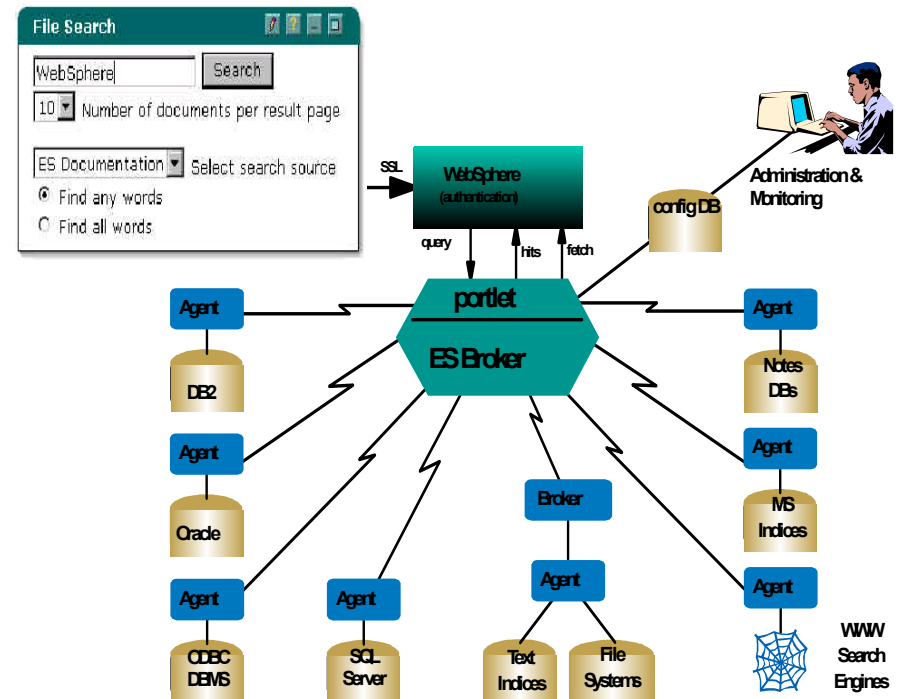
- Software components for ease of development
- Delivered as JavaBeans
- Examples:
 - Environmental service
 - Domino data service
 - People awareness service
 - Instant messaging service
 - QuickPlace service
 - Discovery Server search service
 - People service



*Name subject to change

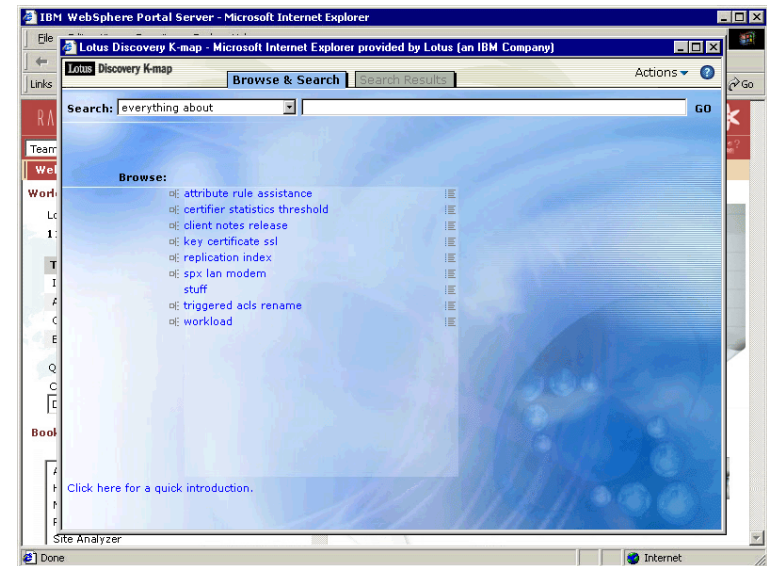
Extended Search

- Extended Search
 - search across many data stores
 - results presented as a single, ranked list of hits
 - search across content in various (human) languages



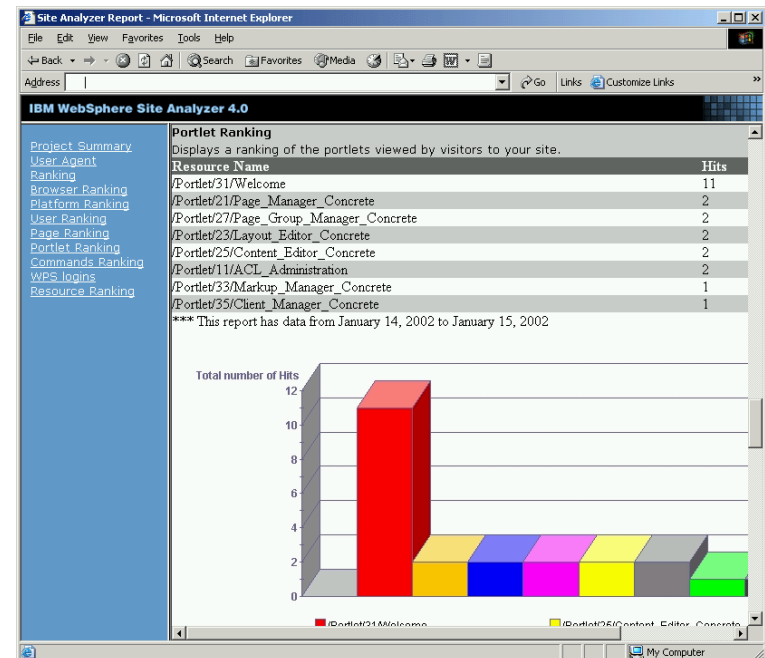
Knowledge Discovery

- Discovery Server (purchased separately)
 - identifies experts based on their activity
 - analyzes and categorizes documents
 - builds taxonomies
 - search and browse
 - integrated into places
 - portlets
 - employee profiles
 - find all documents by an author
 - categorizes a WebSphere Portal Place into the K-map taxonomy



WebSphere Site Analyzer

- Site usage analysis
 - gathers site information by processing web server logs
 - reveals who is using your portal site and how they navigate through it



Experience Offering

- Enterprise Portal
 - security management
 - enterprise content management
 - advanced collaboration
 - e-meetings
 - application sharing
 - whiteboards

Experience

- Tivoli Policy Director
- IBM Content Manager
- EIP Client Kit for Content Manager
- Lotus Sametime
- Lotus QuickPlace

Extend

- Lotus workplaces*
- Lotus collaborative services*
- Lotus Extended Search
- WS Site Analyzer

Enable

- Portal Server
- Personalization
- WS Application Server

*Names subject to change

Advanced Collaboration

■ e-Meetings

- Application Sharing with moderated chat
- White-boarding with video

The screenshot displays a Sametime Meeting Room interface. The main window shows a presentation slide titled "What is involved?" with a diagram illustrating the components: Content & Technology, Process, and People. The diagram consists of four icons (a blue cube, a globe, a flowchart, and a group of people) connected by plus signs. A video feed of a participant is visible in the bottom right corner. A list of participants is shown on the right side of the interface, including names like Chris Crumney/CAM/Lotus, Daniel D Gagne/CanEast/IBM, and others. The interface also includes a chat window at the bottom and a toolbar with various meeting controls.

Tivoli Policy Director

- Uniform security model across applications
 - authentication server (WebSeal)
 - authorization services
 - role-based policy management
 - PKI enablement
 - supports Java 2 (JAAS) security and aznApi from the Open Group



Enterprise Content Management

- IBM Content Manager
 - manage large collections of digital content
 - e. g. scanned images, mail attachments, facsimiles, electronic office documents, XML and HTML files, audio, and video
- EIP Client Kit for Content Manager
 - toolkit and runtime support for accessing IBM Content Manager

Search Results: Employee

Home Search Template Refresh

FirstName	LastName	Number	Salary	Birthdate
MICHAEL	THOMPSON	000020	41250.00	1948-02-02
MASATOSHI	YOSHIMURA	000170	24680.00	1951-01-05
MARILYN	SCOUTTEN	000180	21340.00	1949-02-21
MARIA	PEREZ	000270	27380.00	1953-05-26
MAUDE	SETRIGHT	000310	15900.00	1931-04-21

Search Results

Category: home
Search Value: test

Home Refresh

home > business

<http://www.ibm.com/investor/events/index.phtml>
>Select a country Investors Financials Stockholder services Investor tools IBM data Sitemap FAQs >
> > > > > IBM e-Sourcing Update Hosted by Doug Elix, IBM Senior Vice-President and Group Executive, IBM Global Services. August 1-2, 2001 > > > IBM Software Update Hosted by Steve Mills, IBM Senior Vice-President and Group Executive, Software. June 5 , 2001 > > > IBM Global Services Update Hosted by Doug Elix, Senior Vice-President and Group Executive, IBM Global Services.

<http://www.ibm.com/investor/1q00/1q00earnings.phtml>
http://www.ibm.com/investor/financials/quarterly/1999_2q.phtml
IBM today announced second-quarter 1999 diluted earnings per common share of \$1.28 compared with diluted earnings per common share of \$.75 in the second quarter of last year. These results include an after-tax benefit of approximately \$700 million, or \$.37 per diluted common share, resulting from a number of actions that occurred during the quarter. Net income for the six months ended June 30 , 1999 were \$3.9 billion, or \$2.05 per diluted common share, compared with net income of \$2.5 billion, or \$1.28 per diluted common share, in the year-earlier period.

Information and Resources

- WebSphere Portal Server product page
<http://www.software.ibm.com/websphere/portal>
- Other WebSphere family products
<http://www.software.ibm.com/websphere>
- Red Books
<http://www.redbooks.ibm.com>
- Accessibility guidelines
<http://www.w3.org/WAI>