

DB2 Information Management Software

IBM DB2 Information Integrator for Content, Version 8.2

Highlights

- **Accesses and integrates your business content easily, no matter what its format or where it resides**
- **Enables federated search across a wide range of content and Web sources**
- **Includes functionality for advanced workflow, Web crawling and information mining**
- **Runs on multiple platforms.**

Deliver business value through realtime information access

To gain the value that your data and digital content can provide, your workforce needs immediate access to all of it, no matter what form it takes or where it resides. But if your organization is like most, its information assets are managed by disparate applications and solutions—perhaps even in different locations.

This makes retrieving information from various sources difficult and, at times, impossible. While you could navigate through your islands of information one by one, the results certainly wouldn't appear at the speed of e-business. And automating searches among silos of information can take a significant amount of programming.

IBM DB2® Information Integrator for Content, Version 8.2 (formerly IBM Enterprise Information Portal) brings together disconnected information—such as content from document libraries, data warehouses or Web pages. Part of the IBM information integration portfolio, DB2 Information Integrator for Content provides an open, extensible and consistent information integration framework.

DB2 Information Integrator for Content lets business users concurrently access data and content from multiple sources while hiding the unique details of each underlying content store. The product provides a federated server which simultaneously searches the defined content sources, breaking queries into individual search requests against specific information sources. It then combines search results into a single, aggregated result set. To reduce implementation times for integration projects, DB2 Information Integrator for Content includes a library of connectors to:

- *The IBM DB2 Content Manager family, including DB2 Content Manager, DB2 Content Manager OnDemand and DB2 ImagePlus®*
- *IBM Lotus® Domino.Doc®*
- *Any relational database, such as DB2 Universal Database™ and Oracle, that is compliant with open database connectivity (ODBC) or Java™ Database Connectivity (JDBC)*
- *Content repositories such as FileNET Panagon Image Services*
- *IBM Lotus Extended Search sources, including Lotus and Microsoft e-mail and collaboration systems, lightweight directory access protocol (LDAP) directories, IBM Lotus Discovery Server™ knowledge maps, IBM Lotus QuickPlace™, IBM Lotus Sametime®, IBM WebSphere® Portal Search Engine, third-party Web search sites and more.*



A welcome reprieve from toggling between myriad applications, DB2 Information Integrator for Content can simplify and enhance the way people work.

Enhance decision making with a consolidated view of enterprise information

Capitalize on new opportunities

With DB2 Information Integrator for Content, knowledge workers and line-of-business managers can uncover hidden relationships between customers and products. They can also find new business trends and opportunities from information stores, for better strategic planning and decision making.



Even in tight economic times, an investment in DB2 Information Integrator for Content makes sense. According to Dataquest, the worldwide market for portal software grew by 59 percent in 2001.¹

DB2 Information Integrator for Content also provides add-on services for advanced workflow, Web crawling and information mining. The Advanced Workflow Service enables all accessed information to be included in workflow processes. Integrated with IBM WebSphere MQ Workflow, the Advanced Workflow Service:

- *Supplies decision points to automate decision making based on user interactions or user- or system-defined data containers*

- *Includes flexible routing that supports predefined serial and/or parallel flows, with sub-processes for iterative tasks callable by multiple workflows*
- *Enables collection-point nodes waiting for external events before advancing*
- *Allows a work node to be defined as a user exit to run a server exit program*
- *Provides a graphical workflow builder to easily define processes across your enterprise.*

DB2 Information Integrator for Content features a Web Crawler Service that can “spider” through content in your intranet, the Internet or local file systems. The Web Crawler Service follows links to collect and retrieve content, optionally saving it in a cache and meta data repository. These results can be integrated transparently with other sources accessed through DB2 Information Integrator for Content.

“IBM Content Manager OnDemand and EIP [now known as DB2 Information Integrator for Content] provide us with a high-performance document storage, retrieval and presentation solution. . . As a result, our customers receive the timely assistance they demand and deserve.”

–Paul Germain, Vice President of Mutual Funds Operations, The Principal Financial Group

The solution's Information Mining Service extracts valuable information from all text documents that can be gathered using the DB2 Information Integrator for Content search capability. Functions provided include language identification, information extraction and clustering. In addition, the service:

- *Provides knowledge discovery to identify and extract information from individual documents and store it as meta data*
- *Detects common features for clustering document collections and enabling categorization training and taxonomy maintenance*
- *Includes a Web-based, graphical Information Structuring Tool to support creation and maintenance of catalogs and taxonomies*
- *Offers an advanced search function to retrieve documents based on the extracted meta data information as well as the text content and/or attributes.*

Customize applications to fit your needs

The DB2 Information Integrator for Content information integration framework provides a rich application development toolkit, including object-oriented application program interfaces (APIs) in Java and C++ programming languages, as well as a component toolkit for development.



Like its companion IBM DB2® software for content management, business intelligence and data management, DB2 Information Integrator for Content comes from an e-business software company you can trust.

The toolkit includes JavaBeans, and the components developed by these JavaBeans can be utilized by servlets or JavaServer Pages (JSP). A new JSP tag library and controller servlet are also provided for use when writing JSP components or servlets for Web applications. Using the tag library reduces the need for Java scriptlets in JSP components written to the DB2 Information Integrator for Content JavaBeans. The tag library works with the controller servlet, which can act as a controller of a model-view-controller design Web application, and performs bean initialization and other actions.

With this easy-to-use development environment, developers can efficiently create and customize desktop, client/server and Web applications for end users, for system administration and for workflow and mining. Developers also benefit from:

- *An infrastructure that integrates information sources across the enterprise*
- *An interface layer that isolates applications from changes to underlying information repositories.*

Open the window to new opportunities

The DB2 Information Integrator for Content information integration framework supports Microsoft® Windows NT®, IBM AIX® and Sun Solaris Operating Environment. On the Windows NT platform, the ODBC connector features C++ interface support. Java technology interface support is provided for all other connectors and services on AIX and Solaris.

With DB2 Information Integrator for Content, knowledge workers and line-of-business managers no longer need to scour disparate business applications for the right information to make a decision. By empowering employees to do what they do best, DB2 Information Integrator for Content can be your company's window to new business and revenue opportunities, more strategic plans and, ultimately, greater competitive gain.

For more information

Please contact your IBM marketing representative or an IBM Business Partner, or call 1-800 IBM CALL within the U.S. Also, visit our Web site at ibm.com/software/data/eip



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¹Wylie Wong, "Companies open wallets to portal software," June 11, 2002, CNET.

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