

BeaconIT migrates to DB2 pureXML

BeaconIT (Registered company name: Beacon Information Technology. Headquarters: Tokyo, Japan. Representative President: Sakamoto Keiichi) is a provider of information technology products and services.

Since its inception in 1976, BeaconIT has been a leading company in the Japanese software industry through distributing products such as RedBrick and Hyperion, and was the exclusive provider of Software AG products in Japan. BeaconIT product offerings address all major computing platforms, ranging from mainframes to UNIX-servers to PCs and are underpinned by an extensive customer-service system providing consultation, system development and support and system integration.

As a provider of several XML-based software solutions running on top of Tamino XML Server, which is an XML database produced by SoftwareAG Inc., BeaconIT realized that there is significant value in DB2 9's pureXML capabilities. BeaconIT migrated some of its key applications from Tamino XML Server to DB2 9 pureXML in nine months. With this migration decision, BeaconIT expects to better meet their own and their customers' business needs and reliability. BeaconIT has a portfolio of XML database solutions of more than 300 customers. The tie-up between BeaconIT and IBM DB2 9 pureXML technology will bring next generation XML based solutions into BeaconIT's portfolio.

Beginning in 2007, BeaconIT has released several new products that use DB2 9 as the underlying XML database. These products include Data Management suites for compliance workflow and data entry, a Data Empowerment suite for knowledge sharing, and a web information portal called InfoScoop. With compliance becoming increasingly significant and data volumes steadily increasing, these new products contribute to maximizing the customer's system value, by using advanced technology in their existing assets, providing high availability and easy system integration through XML technologies.

BeaconIT Data Management Suite for Compliance Workflow

The Data Management Suite for Compliance Workflow provides an infrastructure to control the *display processing*, *process processing* and *application data handling* independently, and controls each step of *input*, *manage*, *approve*, *use*, *data*, *application*. The suite also generates logs that can be used as an audit trail.

BeaconIT Data Management Suite for Data Entry

The Data Management Suite for Data Entry provides a GUI application that enables data collection from various sources, without the need for code development. This suite also provides several data templates in order to collect customer information, internal survey and privacy policy information. The XML database is automatically created and maintained by the suite, using DB2 9.

BeaconIT Data Empowerment Suite for Knowledge Sharing

The Data Empowerment Suite for Knowledge Sharing provides an easy way to develop web contents without HTML knowledge and take control over the *publishing, circulation* and *approval* processes. This suite also takes care of the data layer abstraction, using DB2 9 as the XML database as the back-end.

BeaconIT InfoScoop

InfoScoop is a web information portal, with a web interface developed by Web 2.0 and Ajax technologies. Its goal is to improve the productivity and the usability of users by exploiting SOA technology. The J2EE BPEL language and DB2 pureXML database are the key to the high stability and scalability of the portal application.

The migration to DB2 9 pureXML will bring ROI to the existing and new BeaconIT customers, as DB2 provides support for standard XML technologies (XQuery, XPath, SQL/XML and XML Schema), a seamless integration of XML and relational data in a hybrid engine and an easy to setup and low cost high availability solution.

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