

Technical Implementation

We chose Java 2 technology from Sun Microsystems to provide platform independency and protect the client's investments into the system with a view to its further development with a transition to higher performance hardware or software platforms. As well as extending the system's maintenance capabilities, the multi-tier architecture provides advanced scalability and performance. The system consists of a database server, providing storage, a custom application server, and client-side software. The client-side software was implemented as a Java application owing to its sophisticated interface required for diagram authoring, the latter being too time-consuming to develop as an HTML-based solution.

Oracle 8i was chosen as a primary supported database server because of its extended reliability and ability to run on different hardware and software platforms. The database-based storage was implemented with the minimum use of specific database platform features to allow the application's easy porting to another database platform.

Advanced diagram editing functionality was implemented to allow creating diagrams from primitive elements. Such elements can contain a set of attributes, and the user data might be entered simultaneously by several users and kept in.

Results

We built a solution which successfully achieved the client's goals for an automated change management application to improve their current working processes and overall productivity. By providing a common workspace for all users across the country, the application permits the client's consultants to effectively respond to their clients' needs and apply successful change management strategies.

Client's Feedback

"Thank you and your team for your continued excellent work."

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