

Document Management Systems— Maintenance and Re-engineering

Client

Interleaf, Inc., a developer of software products used for the electronic assembly, management, retrieval, publishing and distribution of business documents, targeting publishing and enterprise content management markets. Since 2000, Interleaf has been a division of BroadVision, a global provider of personal self-service web applications and a leading e-commerce solution vendor, is widely recognized as a pioneer and innovator in personalization and web-based interactions, transactions, and process enablement.

Solution

Relational Document Management (RDM) is an open, scalable, integrated solution which allows users to locate, control, review, revise and distribute up-to-the-minute information, critical to business success. The project includes development and implementation of document management systems for enterprise networking usage, covering creating, storing, retrieving, and reusing of documents. Client-server databases and networking technologies were used.

RDM Key Features:

- Client-server technology;
- UNIX operation systems support by the server;
- UNIX and Windows support by the client;
- Oracle support.

Auriga's Contribution

Relational Document Management 3.5 (RDM with a QuickSilver support)

- Oracle 8i support added;
- HP-UX 11.0 platform support;
- QuickSilver 1.5 support;
- Windows 98 support.

Relational Document Management 3.0 (RDM with an XML support)

- XML files support as the additional format of the MS Word documents;

- Ported from Prolifics (<http://www.prolifics.com>) JAM5 tJAM7 technology;
- Full Win32 Windows support;
- Support for Windows long file names.

Relational Document Management 2.7.3j (Japanese Version)

- Support for SJIS and EUC Japanese encoding by the UNIX server and UNIX client.

Relational Document Management 2.7.3j (Japanese Visual Basic Client)

- Ported RDM Japanese client from VB-J 2.0 to VB-J 4.0;
- Support RDM 2.7.3j server.

Relational Document Management 2.7.2 (International Release)

- IBM AIX 4.2.1 platform support;
- French and German support both by client and server;
- Oracle 7.3.4 support;
- Some bugs fixed;
- Documentation updated.

Relational Document Management RDM 2.7.1 (English-only Release)

- Solaris 2.5.1, Solaris 2.6 platforms support;
- Year 2000 compliant support according to POSIX;
- Oracle 7.3.3 support;
- Some bugs fixed;
- Documentation rewritten.

Implementation

- OS's: SunOs 4.1.4, Solaris 2.5/2.6, AIX 3.5/4.2, HP-UX 10.20/11, Windows NT 4.0, Windows 95/98
- Languages and tools: MS Visual C++ 1.5/4.0/5.0, ANSI C for UNIX, Oracle Pro*C, JAM 5/7 (www.prolifics.com), Visual Basic 4.0/4.0J