

A Prototype for Exchanging XML Business Documents in SME

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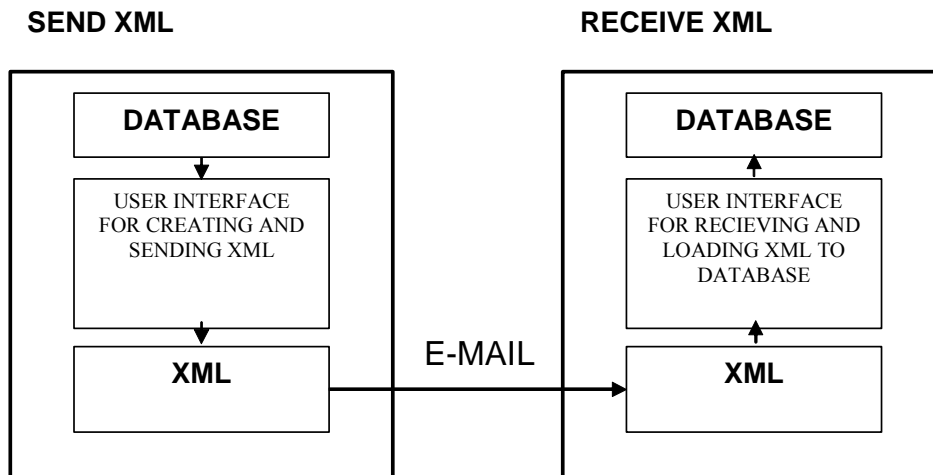
Project Description

The application enables exchanging business documents between SMEs. Business documents are in form of XML files .

Two business scenario are considered:

SEND XML: Selected records are stored in a table in the local database. XML file is created automatically, saved as text file in the local directory. XML file is then automatically send as an attachment via e-mail to receipient.

RECEIVE XML: SME receives business document from partner via e-mail. XML file is attached to the message. The prototype separates subject and attachment of the message. User first reviews the subject message, then previews attachment regarding to XSL, and finally confirms insertion of XML document into the local database.



Application is layered as middleware. It can be used with practically any relational database and e-mail client. BDE (Borland Database Engine) driver for selected database is required.

Application includes technologies such as XML, XSL, JavaScript, HTML, SQL. User interface is created with Borland Delphi 5 (Object Pascal programming). Tested database was Oracle 8.1.5

Lessons Learned

- Application is intended for SMEs which receives no more than 1000 business documents daily.
- Using the application saves time, reduces errors and costs. XML document is created automatically and data are automatically loaded from XML document to the database.
- You don't need to send faxes or envelopes to organizations you deal with.
- Application facilitates paperless business processes.
- SME must strictly ensure database backup.

References

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