

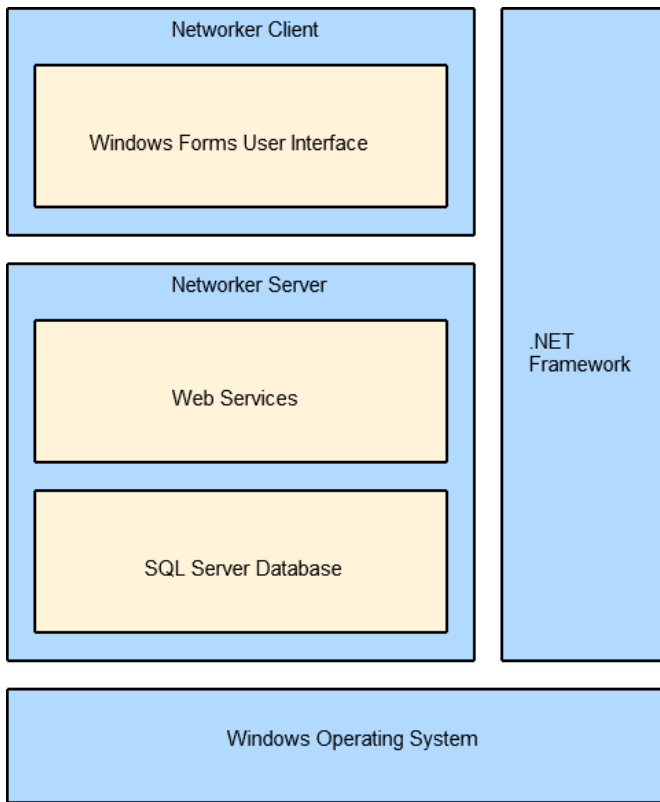


QUARIX Rich Internet Application Framework

Networker – Case Study

QUARIX is a framework, based on a mixture of industry standard technologies, specially created to fulfill the need of rapid development and deployment of modern Web 2.0 applications. Applications based on QuariX can be as rich as modern desktop applications without their drawbacks or as thin as regular web based application.

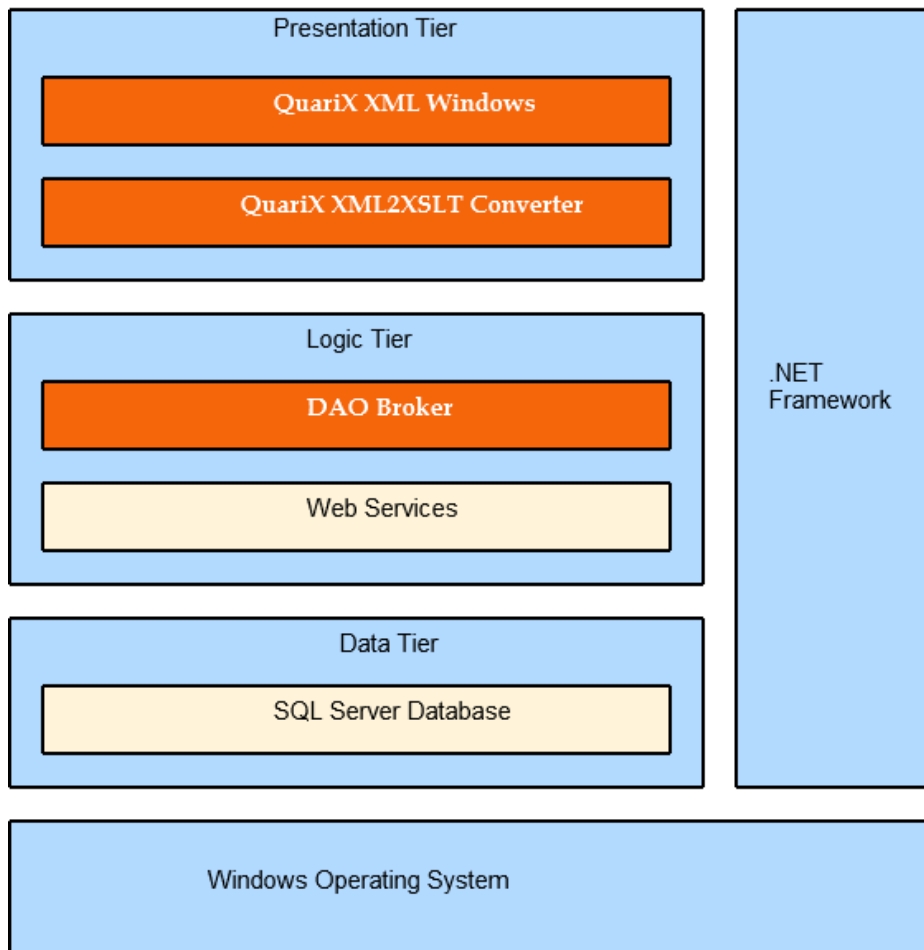
Web-based interface for a .NET ERP application with minimum costs and high productivity using the QuariX framework.



Networker ERP is a rich-client application developed in .NET by Yonder IT Solutions for the Romanian market. Recently, a business model improvement demanded a new web-based interface for the Networker application. The analysis of different frameworks showed that the most efficient solution would be using of the QuariX framework – a powerful framework based on a mixture of industry standard technologies, specifically created to fulfill the need of rapid development and deployment of modern Web 2.0 applications.

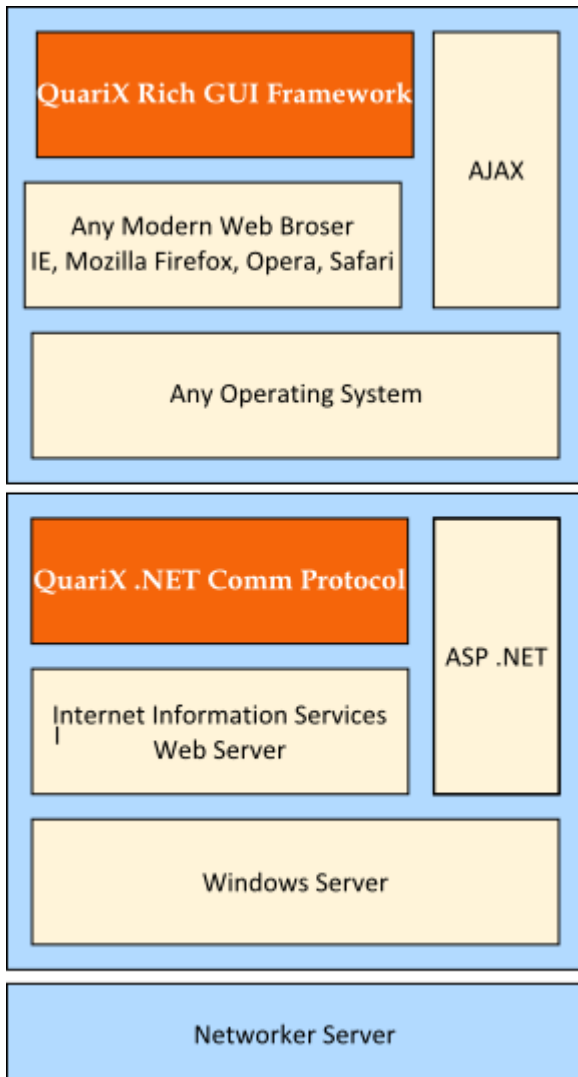
How to implement a business-ready web user interface for an existing .NET based rich-client ERP?

The Networker is developed on a 3-tier software architecture – like any other modern business oriented application. In order to achieve the objective of implementing a web interface for the application, the new presentation tier had to be written from scratch.



In Networker the business logic is completely separated from the user interface, thus the implementation of a new user interface had to be very quick and efficient. The problem encountered was that the GUI code of Networker already had several custom-built business specific controls (e.g. Lookup controls, advanced data grids, seamless integration with business objects, etc.). There was an urgent need for a framework that could support all these controls and still be easy to implement upon.

QuariX – Web 2.0 Business Framework



The main feature of the QuariX framework is that it is a rich GUI framework, an object oriented, completely independent GUI framework implemented in JavaScript that uses XML/JSON to be completely independent of the server backend.

Many other frameworks were taken into consideration, even ASP.NET, but none of these had the complexity and versatility of QuariX.net, regarding the business aspect (UI controls, ease of intercommunication between the controls and the business objects, etc.). In order to implement Networker's new interface in QuariX.net it was only necessary to develop the QuariX.net communication protocol for the .NET framework and the project was ready to support converting all the windows forms from the windows client to a new dynamic and modern web interface with virtually top productivity.

Based on intensive estimative efforts and complex computations provided by different statistical frameworks, QuariX proved to be the best match for our needs providing up to 40% more productivity than the other frameworks that were considered, thus allowing for fast paced development with minimal costs.

Contact



Yonder is a European IT solution provider with offices in Romania and the Netherlands. Since 1993 it delivers three specific IT solutions. First, software transformation services, by which, based on an innovative migration platform, legacy systems can be rebuilt and migrated. Second, Yonder specialised in outsourcing. And third, Yonder delivers IT services based on the modern software factory concept. Yonder’s solutions contribute to quality and flexibility of the software solutions that are delivered by the customers of Yonder. Currently, 170 specialists are employed at Yonder. More information is available on www.tss-yonder.com.

At Yonder we are always interested in your feedback and improvement suggestions and we look forward addressing any questions you might have.

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