

# Landeskontrollverband Nordrhein-Westfalen

*Located in Germany, LKV-NRW is a nationwide service provider with a focus in agriculture. Its main operation concerns the maintenance and management of quality milk.*

## About LKV-NRW

The Landeskontrollverband Nordrhein-Westfalen e.V. is a service company with approximately 360 employees. We are mainly active in the dairy industry. Primary responsibilities include the implementation of milk recording, the quality testing of raw milk, the identification and registration of animals, as well as the auditing of milk suppliers for quality management program QM-Milch. The LKV both maintains and manages the milk testing laboratory in Krefeld (Germany), functioning as a nationwide sales network.

*“Being a transparent Ajax with Java, ZK was the ideal choice.”*

## ZK x LKV-NRW

For the dialogue of the project Adressen, we benefited from ZK. The project started in 2013 and was successfully completed in 2015. Our goal was to have a central dialog which allows you to maintain all addresses. As we are active in various fields had the dialogue reflect the functional role based addresses to maintain.

## Architecture

For the development, we used the eclipse IDE combined with the git repository, which also act as a deployment tool. The dialogue was provided by an Apache Tomcat. For the data communication interface, we developed a proprietary rest-like server, which accepted service requests in XML form counter and provided a result also returned in XML. This form of communication works with xsocket. For data storage, we used a MaxDB.

## The Challenge

The difficulty was to represent performant the large number of search results. With the help of ZK forum and the ZK support team, this could be successfully solved.

## Why ZK

*“...the solution is easy to understand and has the ability to achieve quick results.”*

In 2009, we chose ZK because it fit our requirements perfectly. The framework is an open source solution with a correspondingly large community. Furthermore, the solution is easy to understand and has the ability to achieve quick results. Java being the programming language was also important. We could complete it without needing any additional support.

## The Best of ZK

Transparent Ajax with Java and event handling, the complete communication within the application is based on it.

## The Result

The dialogue is finished for this time, there no next step planned today. But we plan to continue with ZK for all dialogue programs.

11 Sätze gefunden

### About ZK

ZK is the leading enterprise Java Web framework with more than 1,500,000 downloads. ZK is deployed by a large number of Fortune Global 500 companies, including Barclays, Allianz, Swiss RE, Roche, Deutsche Bank, Sony, Sun Microsystems, and Toyota, providing them with the ability to rapidly create rich Ajax enterprise level applications.

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