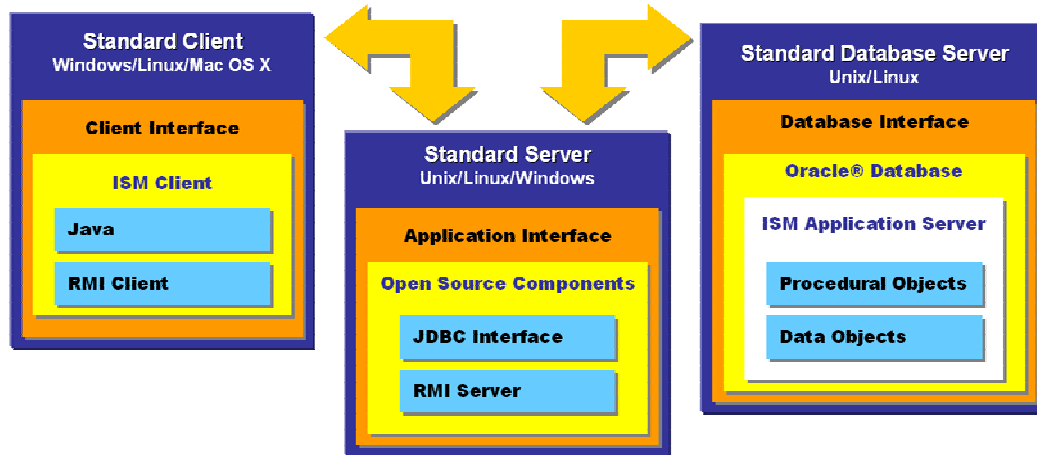


## Overview of the Software-Technology

The following diagram gives an overview of our technology concept:



### 1 Client PC

Currently we support all Sun® Java™ 5.0 compatible operation systems (**Linux**, **Sun® Solaris™** and **Microsoft® Windows™**). The client application offers a modern user interface, which allows to control all tasks by function keys.

### 2 Application Server

The customers may use **OpenSource** components on the application server. Additionally the ISM\*JavaForms server needs to be installed. The ISM\*JavaForms server controls, synchronizes and manages all ISM\*JavaForms client instances and the database connections. Access to the **Oracle® RDBMS** is done via a JDBC Interface. Java Encapsulation is used to call the database procedures.

The customers have the choice of using either **Unix** or **Linux** as their Operating System for the **Application Server**.

### 3 Database Server

We have decided to use the **ORACLE® RDBMS** as the industry leader for storing all data. The application-API is making use of all **ORACLE®** database objects on the Database Server.

The customers have the choice of using either **Linux**, **Unix** or **Microsoft® Windows** as their Operating System for the **Database Server**.

### 4 Standards

- **XML**: eXtended Markup Language
- **Java**
- **Java RMI** : Remote Method Invocation
- **JDBC**: Java DataBase Connectivity



## 5 Development Tools by ISM

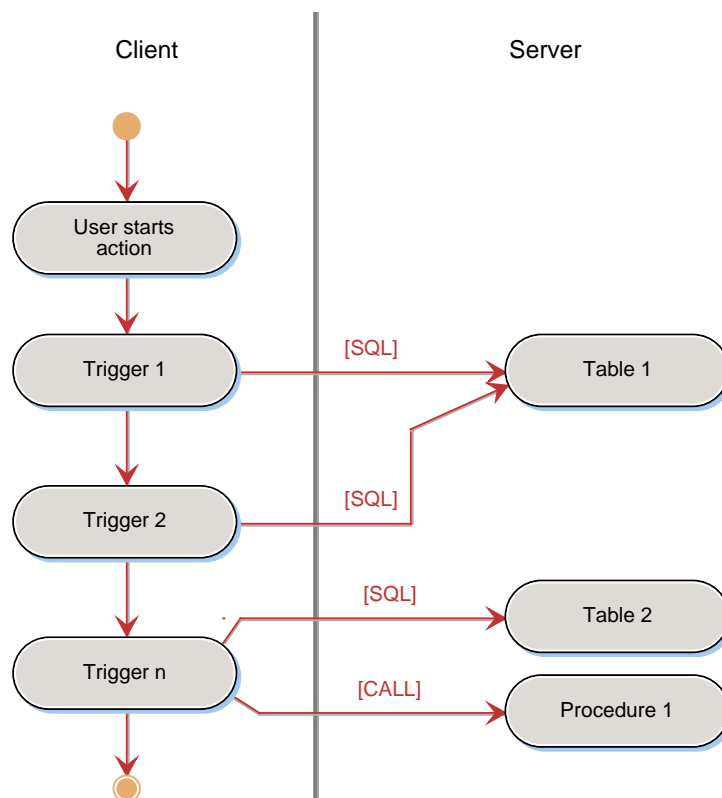
- **ISM\*JavaForms Runtime System**
- **JavaForms-Designer** as tool for designing forms
- **ISM\*Migration** for Oracle Forms 3.0 migrations
- **Form Generator** for static form generation from the data dictionary
- **ISM Documentationsystem**

## 6 Recommended Additional Tools

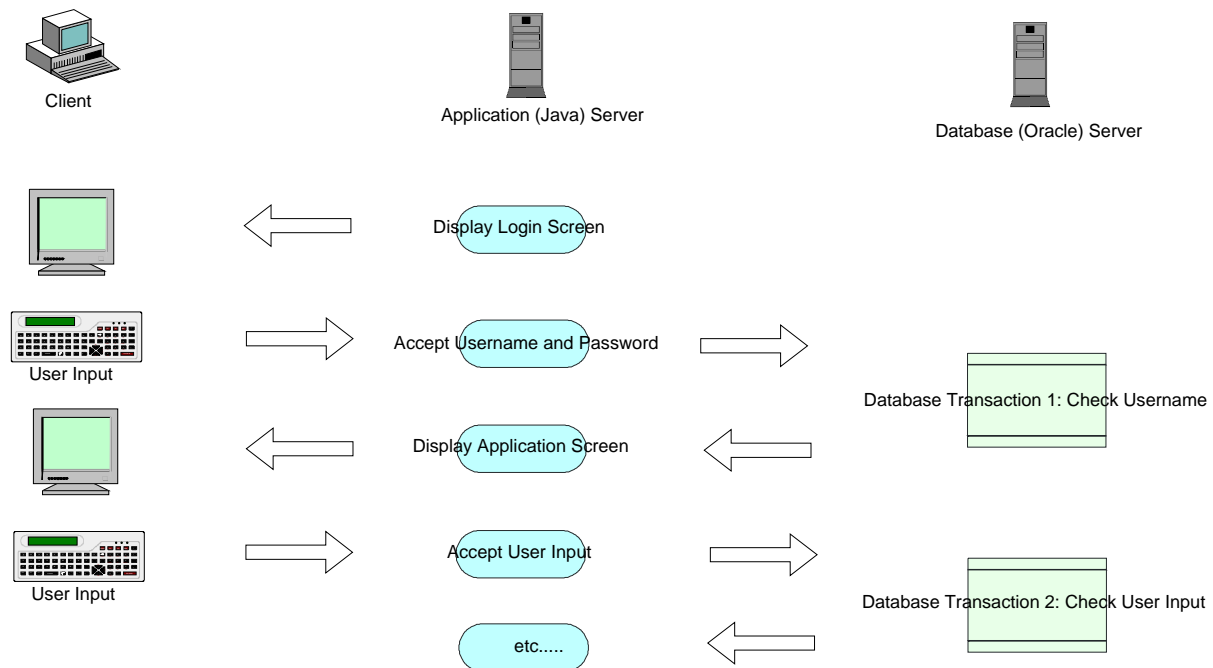
- **Sybase PowerDesigner** or **CA ERwin** for data modeling
- **netViz** for process modeling
- **Eclipse** as Java development environment

## Difference between ISM\*JavaForms and other Architectures

### 1 Client Server Architecture (Fat Client)



## 2 ISM\*JavaForms Architecture



## Contact

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