

Alexey Aristov

Consulting, Coaching, Development

Personal

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Birthyear 1975

Competences

Eclipse Architect, Developer and Coach
Technical strategy & architecture consulting
Java based client and server frameworks

Certifications

Certified Advanced Eclipse RCP Trainer
Certified Java Programmer for the Java 2 Platform
Certified JBoss Consultant
Certified Scrum Master

Teaching

Created first Eclipse technology training course (2005)

- » Eclipse RCP
- » Advanced Eclipse RCP
- » Plugin Development for Eclipse

Conferences

Eclipse Summit Europe 2006 (Esslingen)
Eclipse Summit Europe 2007 (Ludwigsburg)
EclipseCon 2008 (Santa Clara, CA)
EclipseIST 2008 (Istanbul)
EclipseCon 2009 (Santa Clara, CA)
EclipseIST 2009 (Istanbul)
Eclipse Banking Day 2009 (London)
JAX 2009 (Mainz)

Technologies & Methods

Methodologies	Agile / Certified Scrum Master
Modelling	UML, ER Modelling (Sybase modelling tools)
Frameworks	
Server	J2EE (JBoss, IBM WebSphere), Spring, OSGi
Client	Eclipse RCP, Spring, OSGi, RIA (Adobe Flex)
Persistence	Hibernate, iBATIS, JDBC
Databases	PostgreSQL, DB2, Oracle, MySQL, MongoDB
OS	Windows, Unix (Linux, *BSD), MacOS
Programming Languages	Java, Clojure, Action Script, JavaScript, Scala
Mobile	Android, iPhone OS

Recent Projects

Enterprise information portal, implemented as an Adobe Flex based RIA

- » System Architecture and Design
 - Adobe Flex (extensible Eclipse RCP like client architecture)
 - Highly scalable server architecture, implemented in Clojure programming language
- » Development team lead (6 persons)

Eclipse RCP-based Client-Framework for group of Financial Applications

- » System Architecture and Design
 - JBoss AS, Oracle 9, Spring Framework, OSGi
 - Eclipse RCP
- » Integration with Core System Architecture
- » Training and Coaching

Secure Workflow-Solution with Digital Signatures, based on a J2EE-Backend with Eclipse RCP-Frontend

- » System Architecture and Design
 - JBoss AS, PostgreSQL
 - Eclipse RCP
- » Integration of Digital Signature System
- » Testing, deployment and on site coaching

Integrated Meta-directory, based on a J2EE-Backend with Eclipse RCP-Frontend System Architecture and Design

- » Transaction-based data exchange with External Systems (Lotus Notes, Active

Directory, LDAP, Mainframe)

- » Integration via Configurable Adapter Architecture
- » Concept of JAAS-based authentication and Single Sign On (SSO) Solution

Validation- and Verification-Module for Neural-Network-based Data Mining-System

- » Development
- » Implementation of Data Classification Algorithm based on SOM (Kohonnen networks)
- » Design of Inter-model Adaptation Algorithm

Integrated Sales-Support-System with Analysis- and Reporting features for the Pharmaceutical Industry

- » Lead Developer (> 15 developers)
- » System Design and Implementation
- » Individual implementation of EJB-Container
- » Reliable Messaging System for Database Replication

Decentralized IT-Controlling-System for the major car producer

- » Lead Architect and Developer
- » System Design and Implementation
- » SWT/JFace-based Application on IBM WebSphere and IBM DB2

Languages

English (fluent)
Russian (native)
German (basic)