
Success in Software Development is a matter of Quality and Speed.

Speed and Quality are depending on Skills and Tools.

ELEMENT4SOLUTION is the Tool to archive this Requirements.



Java Developer wanted!

Location: Austria

We offer bad payment, much work, stress.

We are looking for a developer with 5 years experience in the topics listed beside →

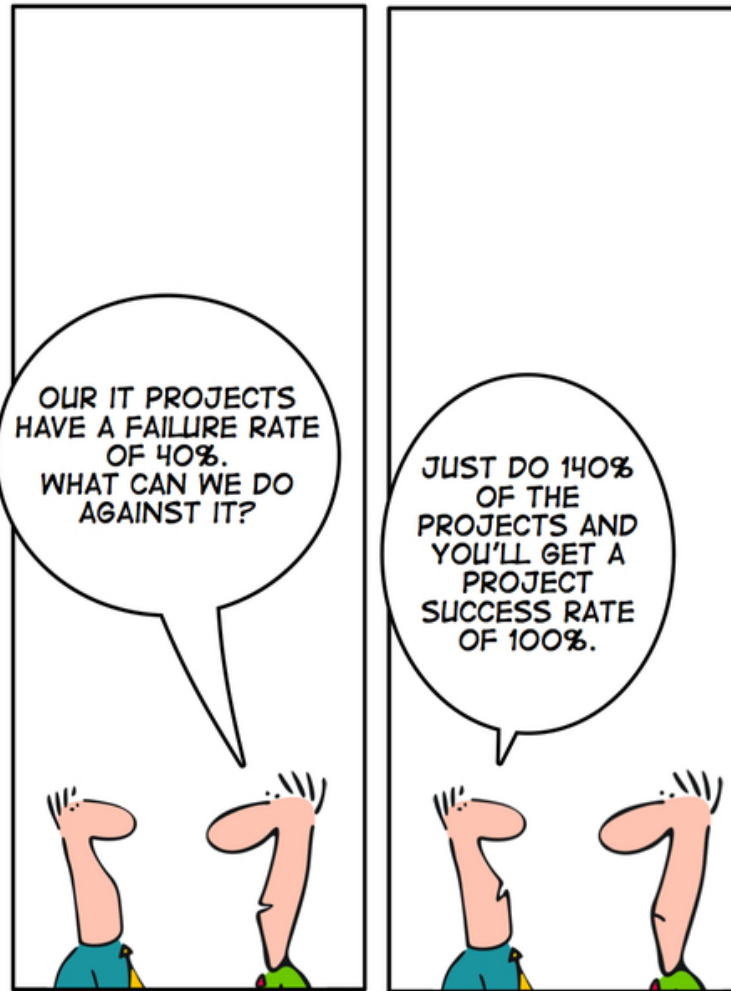
If you provide all those skills listed beside and you are interested, please email your CV to:

**Robert Siegel
robert.siegel@door2solution.at**

**door2solution software gmbh
Max-Kahrer Gasse 5
3400 Klosterneuburg**

- ✓ **Java**
- ✓ **J2EE, EJB**
- ✓ **Spring**
- ✓ **Hibernate**
- ✓ **NetBeans**
- ✓ **JDBC**
- ✓ **Ajax**
- ✓ **JavaScript**
- ✓ **HTML/CSS**
- ✓ **XSLT/XML**
- ✓ **SQL**
- ✓ **Oracle**

IT Projects



THE CONSULTANTS HANDBOOK PART 6:
ALWAYS DO THE MATH YOURSELF

geek and poke

There are several potential risks in software development projects.

One of them is uncertainty of technology...
...or the skills available...

- ✓ **Java**
- ✓ **J2EE, EJB**
- ✓ **Spring**
- ✓ **Hibernate**
- ✓ **NetBeans**
- ✓ **JDBC**
- ✓ **Ajax**
- ✓ **JavaScript**
- ✓ **HTML/CSS**
- ✓ **XSLT/XML**
- ✓ **SQL**
- ✓ **Oracle**

Make one step back.

Reduce technology

→ Reduce Complexity

→ Reduce Risk

Specialize on Web (2.0) applications.

Make development fast, sure and easier.

- ✓ **Java**
- ✓ **HTML/CSS**
- ✓ **SQL**
- ✓ **E4S**

ELEMENT4SOLUTION



Java Development Framework for Applications

The aim of E4S is to develop:

- Web enabled
- Database driven
- "Rich Client" interfaces



Application Examples 1/4

The screenshot displays the TrMan 1.05a.0002 application interface within a Windows Internet Explorer browser. The browser address bar shows the URL: <http://www.kawasaki.biz:1030/trman/trman?ALIAS=238&TIM=215c>. The application has a menu bar with options: Overview, Import, Process, Prepare, Translate, Export, Reports, Setup. Below the menu bar are sub-menus: List Source Text, List Elements, Tree, Pattern Statistics, Pattern Definition, Reset.

The main content area is divided into two sections. On the left is a table of text elements, and on the right is the 'Edit Element properties & translations' form.

Table of Text Elements:

Text	Alias Pattern	Created
00011195 AIR SWITCH CLEANER	no translation AIR SWITCH *	08.06.2006
00009162 AIR SWITCH LH	AIR SWITCH *	08.06.2006
00009122 AIR SWITCH RH	AIR SWITCH *	08.06.2006
00000601 AIR SWITCH CLEANER		08.06.2006
00004202 AIR SWITCH CLEANER		08.06.2006
00013260 AIR SWITCH VALVE-FITTING	AIR SWITCH *	08.06.2006
00011093 AIR SWITCH-AIR CLEANER	AIR SWITCH *	08.06.2006
00013707 AIR SWITCH-AIR FILTER	AIR SWITCH *	08.06.2006
00001275 AIR SWITCH-CLEANER	AIR SWITCH *	08.06.2006
00012578 AIR SWITCH-DUCT	AIR SWITCH *	08.06.2006
00004783 AIR SWITCH-FILTER CASE	AIR SWITCH *	08.06.2006
00011677 AIR SWITCH-FITTING	AIR SWITCH *	08.06.2006
00007634 AIR SWITCH-FR	AIR SWITCH *	08.06.2006
00002218 AIR SWITCH-HEAD	AIR SWITCH *	08.06.2006
00001872 AIR SWITCH-RR	AIR SWITCH *	08.06.2006
00009486 AIR SWITCH-RR HEAD	AIR SWITCH *	08.06.2006
00005869 AIR SWITCH-VALVE	AIR SWITCH *	08.06.2006

Edit Element properties & translations:

Text Element: AIR SWITCH

Element ID: 00002147

Created: 08.06.2006

Language: english

Translate:

german: LUFTSCHALTER

spanish:

french:

italian:

dutch: LUCHTSCHAKELKLEP

swedish:

Alias:

Remark:

Used in: VALVE AIR SWITCH, TUBE AIR SWITCH, TUBE AIR SWITCH RH, TUBE AIR SWITCH LH, PIPE AIR SWITCH, COVER AIR SWITCH, TUBE AIR SWITCH CLEANER, TUBE AIR SWITCH LH, TUBE AIR SWITCH RH, TUBE AIR SWITCH VALVE CLEANER

Annotations: A red box labeled 'Tables' points to the table of text elements. A red box labeled 'Forms' points to the 'Edit Element properties & translations' form.

Application Examples 2/4

The screenshot shows a web browser window displaying the 'door2rental 1.02a' application. The interface includes a navigation menu on the left, a central table of project data, and a form on the right for editing project details. Callouts highlight specific features: 'Database Retrieval' points to the table, 'Forms and Validation' points to the form fields, 'Tree Navigation' points to the left sidebar, 'Sorted Lists' points to the table, and 'Image Selectors' points to the logo selection field.

Database Retrieval

ID	NAME		
GAST	Alles für den Gast		✗
CASA	Ambiente & Möbel		✗
BAUEN	Bauen & Energie Messe		✗
BW	Bauen & Wohnen		✗
JAGD	Die Hohe Jagt & Fischerei		✗
FERIEN	Ferien Messe		✗
ITNT			✗
JASPOWA	Jagd & Fischerei & Offroad		✗
WOHNEN	Wohnen & Interieur		✗

Forms and Validation

Tree Navigation

Sorted Lists

Image Selectors

Application Examples 3/4

DOOR2PARTS 1.02b - Windows Internet Explorer

http://doorlap01/d2p/d2p?ALIAS=300&TIM=e7f

DOOR2PARTS 1.02b

Menu

ORDER SETTINGS

Delivery Modes **General**

Assign Customers **Carriers** **Delivery** **Combine Modes** **Translations**

steautmann

DOOR2PARTS

- User Manual
- ▼ User Administration
- ▼ Delivery-Certificate
- ▼ Service
- ▼ Warranty Claim
- ▼ Catalogue
 - View
 - ▼ Interface
 - ▼ Edit
 - Generate
 - ▼ Print
 - Prepare Variants
 - TEST
- ▼ Shop
- ▼ Documents
 - ▼ View
 - ▼ Edit
 - Documents
 - Types
 - Translations
- ▼ Orders
 - New
 - List
 - Copy
 - Upload
 - Delivery
 - Statistics
 - Parts Query
 - ▼ Settings
 - View Orders for Export
 - ▼ Price & Availability
 - ▼ Data I/O
 - ▼ Requests
 - ▼ General Settings
 - Query
 - SQL
 - ▼ Processes

Customers DEALER_HQ, DE

Delivery Mode

Company Group: (related to Headquarter)

			NSE (Nachverteilung) frei gegen Berechnung	NSE (Nachverteilung) unfrei	NSE (Nachverteilung) frei Haus	Spedition Hellmann frei gegen Berechnung	Spedition Hellmann unfrei	Spedition Hellmann frei Haus	HPD (Paketdienst) frei gegen Berechnung	HPD (Paketdienst) unfrei	LKW	Post (Vorrangbestimmung)	Spedit	DHL	UPS	UPS E	Spedition	HPD (Paketdienst) Buchhaltung	TNT Global Express	TNT Economy	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1																					
11	00001480	Abendschein Leonhard Landmaschinen	⚠	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	00001483	Abrell Landtechnik GmbH		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	00001893	Abrell Landtechnik GmbH	⚠	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	00001984	ABV Landtechnik	⚠	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	00000788	Adkermann Hermann Landmaschinen	⚠	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	00001786	ACN Agrar Centrum Niederrhein GmbH		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	00001730	ADAP Technik GmbH Landtechnik		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Grid Editing Elements

Navigations

http://doorlap01/d2p/d2p?ALIAS=75&M_MENUOBJ=M19&M_MENUITEM=671&TIM=1195480052250&M_TARGET=CO

Lokales Intranet 100%

Application Examples 4/4

DOOR2PARTS 1.02b - Windows Internet Explorer

http://doorlap01/d2p/d2p?ALIAS=301&TIM=4f7

door2parts
find the right parts

CATALOGUE EDITING

Brands/Groups Structure Compare Report Part-List Translations

open frame in new window

door2parts
find the right parts

Motorroller

- [86090011A0] Modell 491
 - [86190101A0] ZUBEH
 - [86190141A0] FACHW
 - [NO2] LUFT/SCHEIBE
 - [86190012A0] LUFT/1
 - [86290012A0] MOT
 - [86390012A0] S
 - [86390022A0] C
 - [86390032A0] C
 - [86390042A0] V
 - [86390052A0] \
 - [86392082A0] \
 - [86290102A0] RAH
 - [86190032A0] WASSE
 - [NO1] WASSER/TROM
 - [86190011A0] LUFT/1
 - [86190031A0] WASSE
 - [86190021A0] WASSE

86390022A0 GEHÄUSE DECKEL STARTER

Base parts list Variations Assign images Preview Duplicate list

Pos.	Partnumber	Quantity	Designation
1.	[?] R11240091A0	1	SIMMERINGSATZ
2.	1 R11140011A0	2	KUGELLAGER
3.	10 R11040081A0	1	HALTEPLATTE
4.	11 R11340061A0	1	STIFT
5.	12 R11340041A0	2	12X16
6.	13 R11240011A0	1	
7.	14 R11040031A0	1	
8.	15 R11340111A0	1	SCHRAUBE M6X35
9.	16 R11340111A0	1	SCHRAUBE M6X45

Interactive Images

catalog/491/86390022A0.pat

Client's Requirements:

- Web Browser
- Internet Connectivity

Developer's Requirements:

- Fundamentals of Java programming
- HTML, CSS Understanding
- FORMS/CGI Understanding

Server's Environment:

- Apache 2
- Tomcat 5.x
- JDBC compliant database (e.g. MS-SQL Server)

E4S targets the following topics:

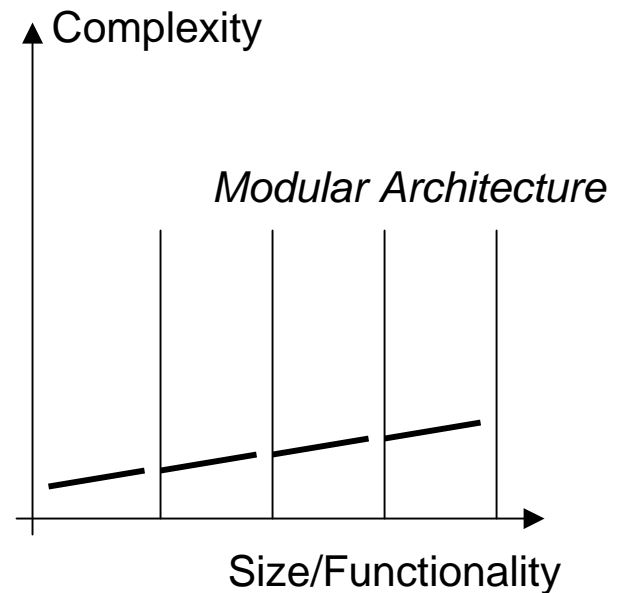
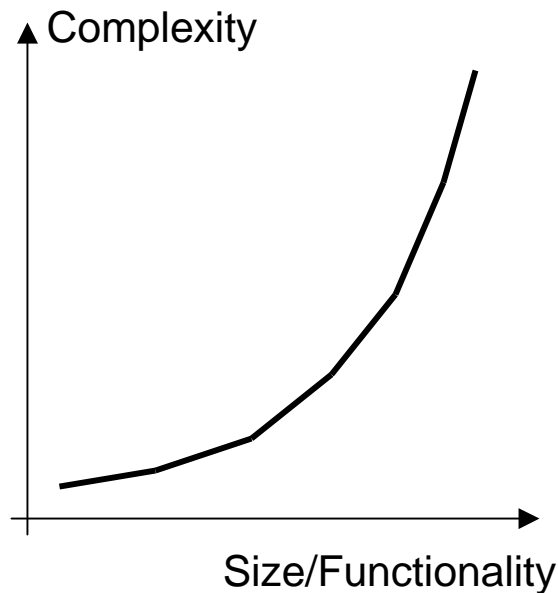
- Database to Code integration (named fields, database meta schema and generated classes)
- Method Injection
- HTML rendering
- Ajax
- Localization
- CSS Integration and Editing
- Application framework, including common used functionality

E4S includes common functionality:

- Client Maintenance
- User Maintenance (Group, Company, User) and Login (incl. Password forgotten function)
- Permission Maintenance (Group, Company, User level)
- Online editing of CSS
- Online editing of Translations
- Messages
- Standard Graphics (Icons)
- Performance Statistics
- File selection (similar to Windows™ Explorer)
- Definition of system properties
- System-, Client-, User-, Session- Values & Properties
- Database Metaschema
- SQL Report Generator
- eMail Functionality

E4S has an architecture guidance:

- Database schema driven
- Functionality encapsulated in modules



Benefits in the use of E4S:

- Reducing development time & cost
- Build up reliable, state of the art applications
- Reduce the required skills for developers

Contact Information

*Please
contact us if
you have
any
questions or
you want a
personal
online demo
of E4S.*

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