# EVOLUTION FRAMEWORK

# Java Web Framework for the Efficient Development of Enterprise Web Applications

## design

Evolution Framework tools

100% reusability

Visual editor

Form XML

Demo builder

Static HTML

## coding

HTML render

Java code generator

AJAX engine

Form HTML

Generated form code

Event form code

## monitoring

Status monitor

Performance monitor

Service balancer

## deployment

Deploy manager

System overview

DB manager
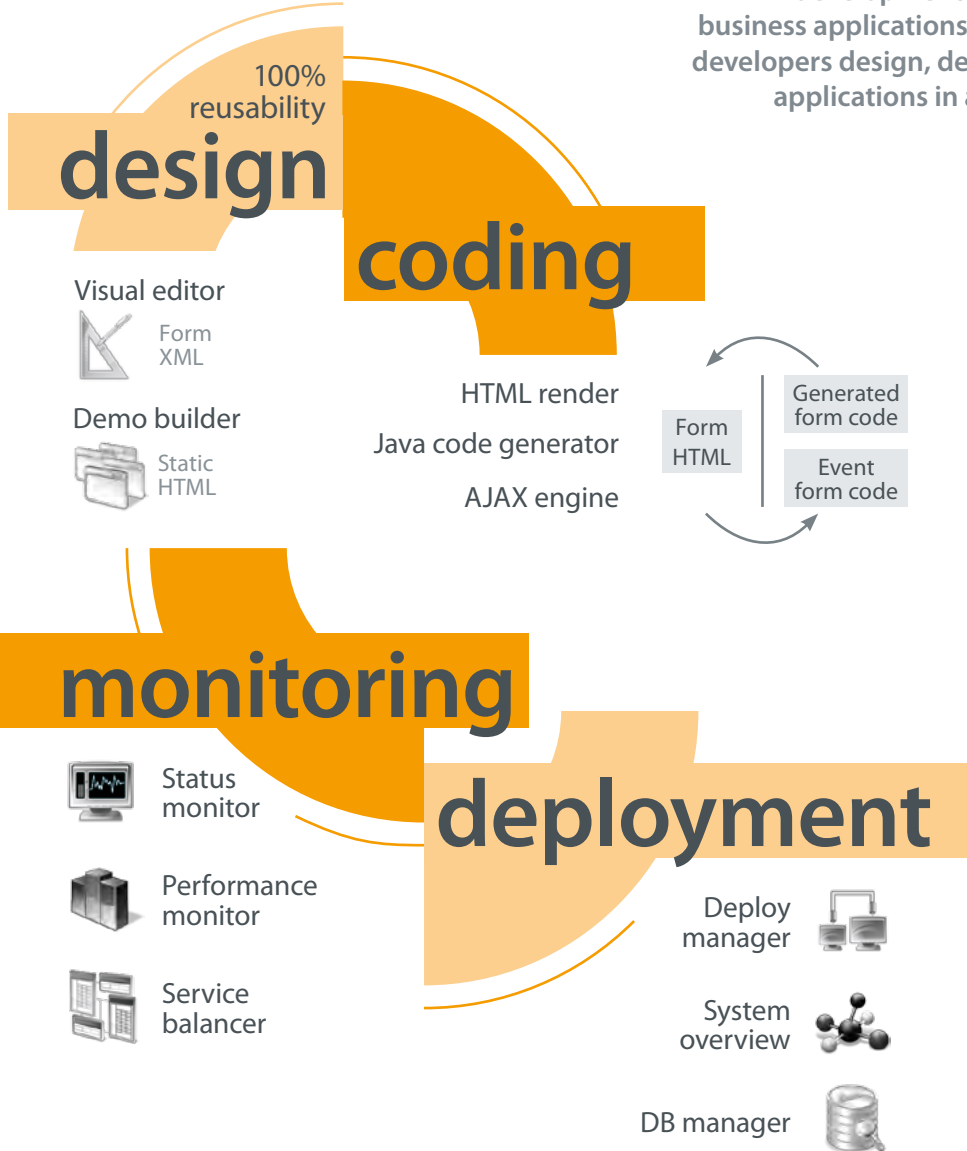
## Complete Development Kit

Evolution Framework enables fast and easy development during the complete lifecycle of business applications, including visual tools that help developers design, develop, deploy and monitor their applications in an enterprise web environment.

## Out of the Box

Advanced controls

Reporting

Charts

Workflow management

Task management

Document management

## Powerful Components

Upgrade your business web applications with powerful out of the box features for workflow and document management.
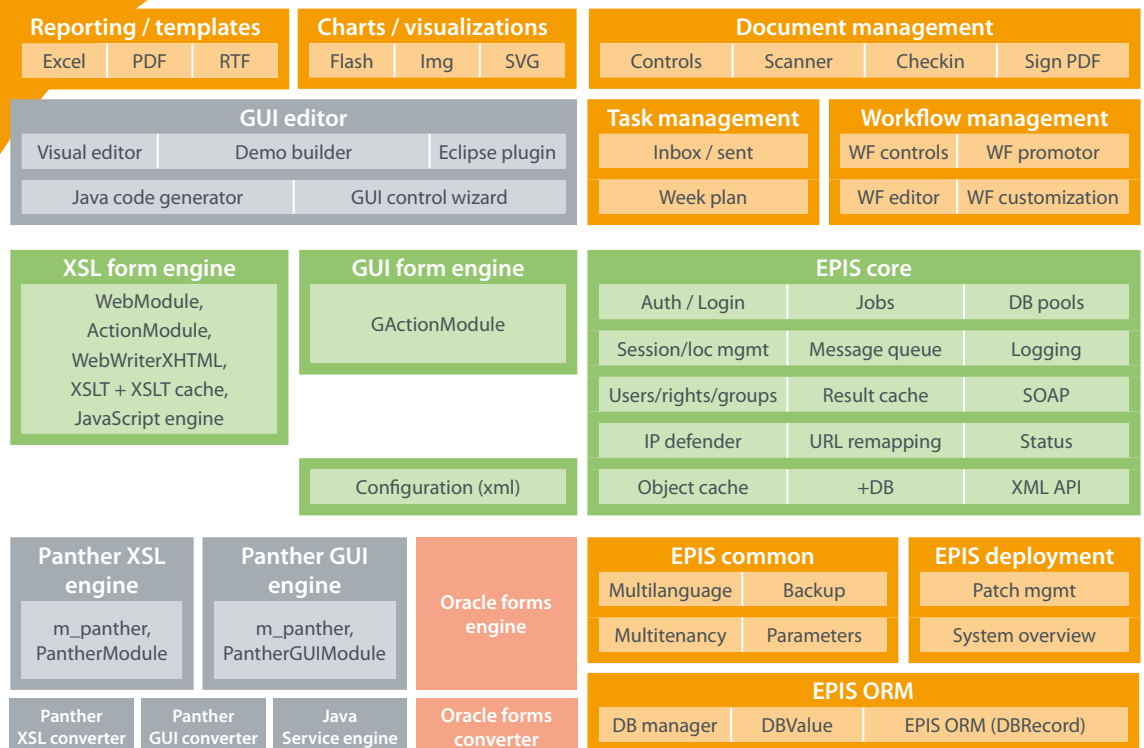
## Easy to Use

Don't struggle with complex web technologies and architecture. Focus on business issues and work in the web environment easily.

## Highly Efficient

Evolution Framework tools allow fast and easy web application development in all phases of the software development lifecycle.

# Everything you need to build powerful and modern business web applications

Feature overview

### Reporting / templates
| Excel | PDF | RTF |

### Charts / visualizations
| Flash | Img | SVG |

### Document management
| Controls | Scanner | Checkin | Sign PDF |

### GUI editor
| Visual editor | Demo builder | Eclipse plugin |
| Java code generator | GUI control wizard |

### Task management
| Inbox / sent |
| Week plan |

### Workflow management
| WF controls | WF promotor |
| WF editor | WF customization |

### XSL form engine
WebModule,
ActionModule,
WebWriterXHTML,
XSLT + XSLT cache,
JavaScript engine

### GUI form engine
GActionModule

Configuration (xml)

### EPIS core
| Auth / Login | Jobs | DB pools |
| Session/loc mgmt | Message queue | Logging |
| Users/rights/groups | Result cache | SOAP |
| IP defender | URL remapping | Status |
| Object cache | +DB | XML API |

### Panther XSL engine
m_panther,
PantherModule

### Panther GUI engine
m_panther,
PantherGUIModule

Oracle forms engine

| Panther XSL converter | Panther GUI converter | Java Service engine |

Oracle forms converter

### EPIS common
| Multilanguage | Backup |
| Multitenancy | Parameters |

### EPIS deployment
| Patch mgmt |
| System overview |

### EPIS ORM
| DB manager | DBValue | EPIS ORM (DBRecord) |

## Operating Systems

Evolution Framework is based on Java and it is compatible with most operating system supporting Java 5 or later Java releases.

## Technologies Used

| Java | AJAX |
| XHTML | jQuery |
| CSS | XML |
| JavaScript | XSL |

# design

## Drag-and-Drop Editor

Build web forms quickly using a web-based visual editor. With plenty controls ready out of the box, application design is easy even for a non-programmer. Use block controls, charts, containers and many others.

## Demo Builder

Design user interfaces without coding, add mockup data to your forms and link them easily to make a prototype of your web application.

## Block Controls

Design your user interface with sets of label+input like controls and reuse existing forms.
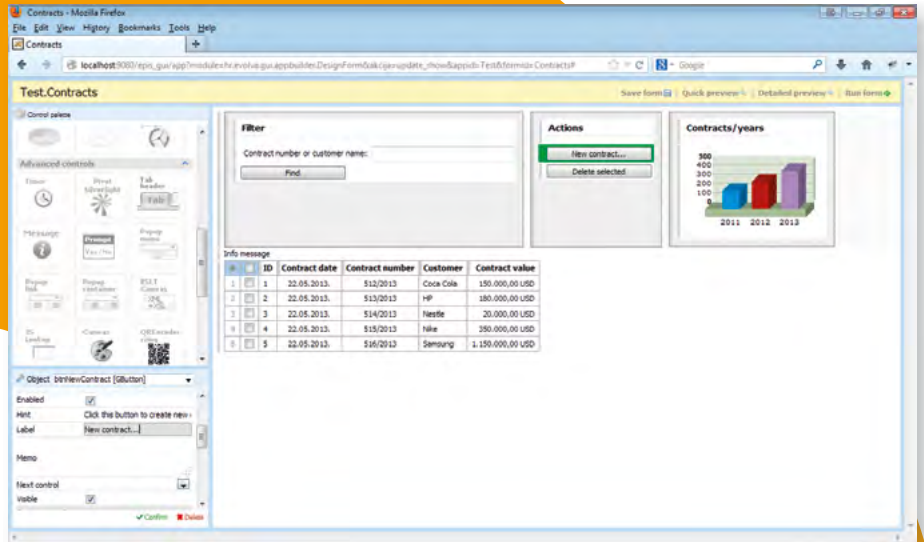
# coding

## Java Code Generator

Java layout form code is automatically generated for a programmer as well as separate Java form code with empty onClick button events ready to be filled in.

## HTML/AJAX/Java Engine

Java engine renders forms as HTML automatically. Handle events in web browser by writing only Java code that runs on a server. Don't worry about HTML, CSS, JavaScript and AJAX communication.

## Workflow Management

Include business components in your forms to manage business processes. Track tasks and receive e-mail notifications with direct links to your forms.

## Document Management

Use document check-in/checkout as well as copy/paste functions in web browser by just drag'n'dropping controls in the visual editor. It can store files on an internal or external filesystem like Documentum.
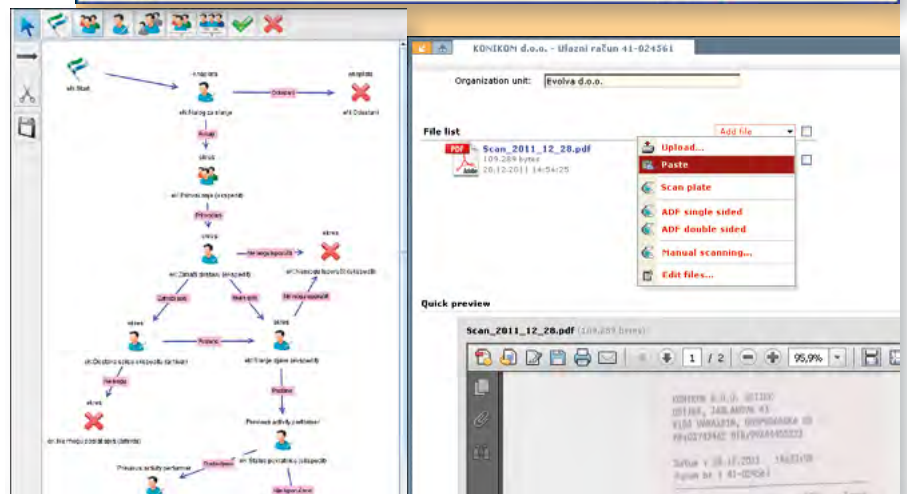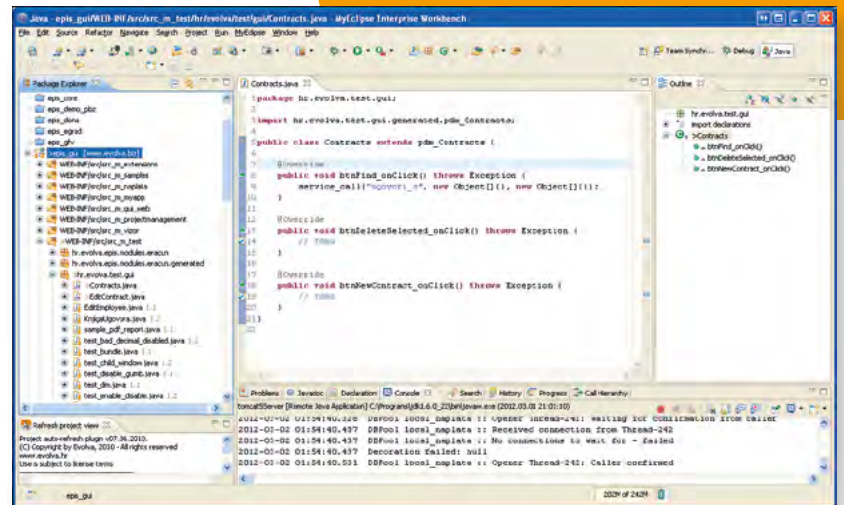
# deployment
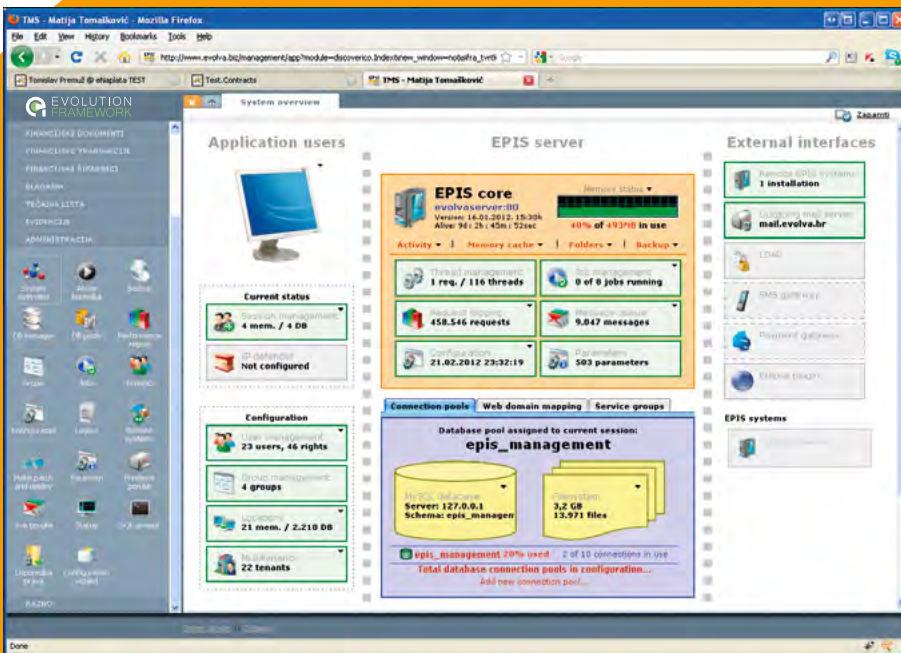


## Deploy Manager and Database Manager

Deploy a new version of your web application and upgrade the database structure automatically, avoiding long and complicated configuration.

## System Overview

Configure your system through the visual control panel. Perform multiple configuration steps quickly and easily.

# monitoring



## Status Monitor

Track usage of memory, threads, connection pools and object cache to see if everything works ok.

## Performance Trends

Track month-to-month usage and performance of your web application to predict and correct system performance in advance.
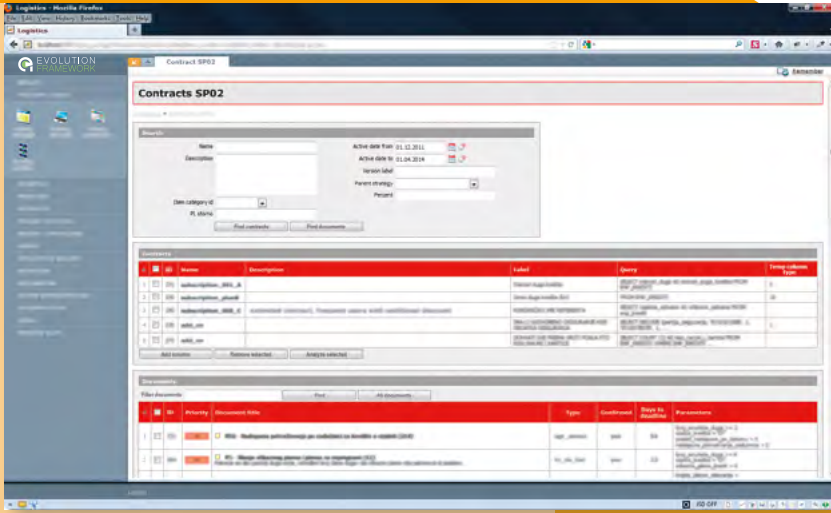
## Usage and Forensic Reports

Track which users are performing which actions in the application up to the level of single form action.
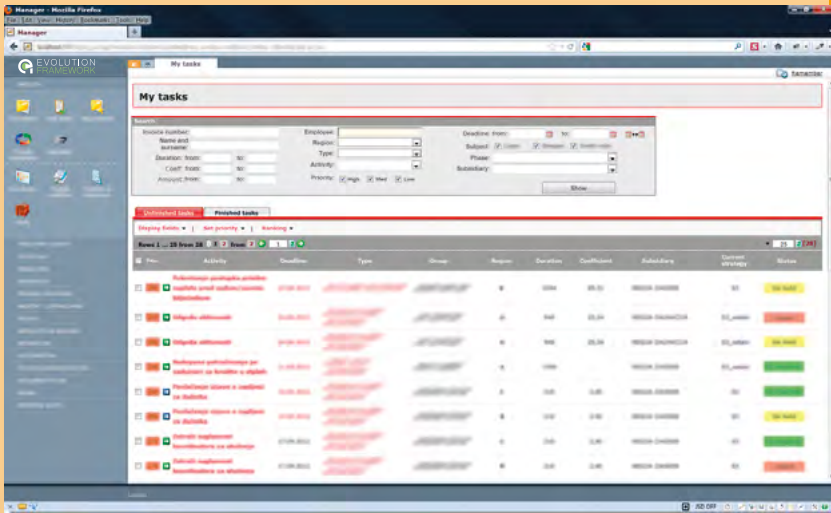
## Performance Daily Report

View daily usage reports and detect what you should speed up to make your application faster.
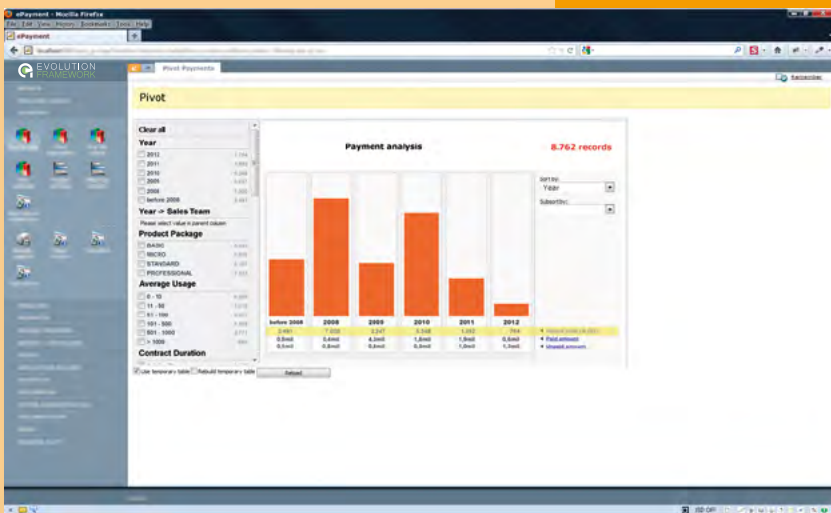
Forms
made with
Evolution
Framework

Who is using
software
developed
with Evolution
Framework?

**Banks**

**Telecommunication
companies**

**Brokerage houses**

**Broadcast media**

**Construction companies**

**Government administration**

# Awards

**VIDI e-novation award**

**BICRO**

Special prize as one of the most innovative Croatian ICT projects

Supported by the Business Innovation Center of Croatia as an innovative ICT project

„Evolution Framework is a well designed and implemented system that brings together a considerable level of ITIL theory and rich experience in the development of enterprise web applications. "

*IT manager from banking sector*

For more information visit
**www.evolution-framework.com**

**EVOLUTION FRAMEWORK**

**EVOLVA**

**Evolva**
Varaždin | Croatia

tel: +385 42 658 550
fax: +385 42 658 551
e-mail: info@evolva.hr