

The zen Platform by zeos informatics

With the *zen Platform*, zeos informatics GmbH offers companies wishing to use a stable and flexible basic IT platform an ideal development and runtime environment for Java 2 Platform, Standard- and Enterprise Edition (J2SE/J2EE). On the *zen Platform* applications are modelled graphically without technical expert knowledge using business processes (workflow) and business rules. The visual approach increases the productivity during software development and maintenance considerably and reduces the need for training for new projects. The runtime environment (*zen Engine*) and the management console for administration and monitoring form a stable, flexible and scalable platform for running your solutions. The time and costs of development can be substantially reduced. The *zen Platform* supports the development of server-based Java applications with web front ends as well as web services and applications with any other type of interface.

Development

The *zen Platform* development environment helps you to graphically model business processes and business rules of applications of varying complexity. Even the basic structure of an application can be executed and tested directly without further implementation (Rapid Prototyping). This gives you the opportunity to talk to partners, customers and the departments concerned in order to discover deficiencies at an early stage and to avoid abortive developments.

The implemented business logic is graphically linked with the application model and automatically integrated by the *zen Platform*. The development of the business logic is supported on different levels (5 level validation, workflow control, data control). The *zen Platform* additionally supports localization (National Language Support). No adaptation of the code is necessary in order to run the application in other languages. The *zen Platform's* output formats include XML, HTML, TEXT, WML(WAP), and PDF; additional formats can be added.

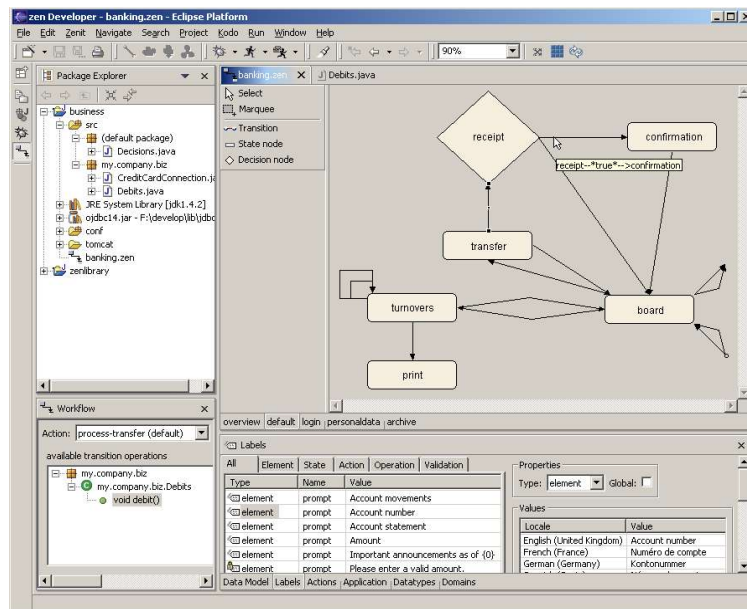


Figure 1 zen Platform Development Environment

The *zen Platform* provides the developer with a great number of integrated services for implementing the business logic.

The *zen Platform* allows the developer to concentrate on the solution of the business objective at hand. Extensive experience and cost-intensive expert knowledge are no longer necessary when developing applications on the basis of J2EE platforms.

Scaling

A Java servlet is quite sufficient for the deployment of an application that has been developed on the *zen Platform*.

If you have a business critical or load-intensive application, you can use any type of Java application server.

This allows you use a servlet engine for the first deployment and then later, when the load increases, to migrate to a cluster of application servers.

Under no circumstances will it be necessary to modify the application model or the specialized business logic; the *zen Platform* abstracts from the underlying technology. The system grows dynamically with the respective requirements, even if the latter were not clearly defined at the beginning of the project.

During runtime, all applications can be configured, monitored and even extended and corrected using a centralized management console.

The Benefit

In order to drive short and long term value-added, an IT platform needs to be able to run in any environment, connect seamlessly to existing systems and offer efficient support for any type of business problem. On the basis of these fundamental requirements, the *zen Platform* was designed as a flexible platform for business critical applications. Visual development, a clearly defined system structure, the abstraction of complex technologies and comprehensive integrated services give every development process a productivity boost. Rapid prototyping recognizes problems as early as in the initial phase, thus avoiding costly abortive developments. The significant cost and time savings achieved make sure that the *zen Platform* already pays off during the development phase.

With the *zen Platform*, flexibility and productivity in software development and maintenance rise to a new dimension.

The maximum success of complex IT projects is further underpinned by the consulting and training services of experienced experts.

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