

You
design

We
generate

BLU AGE™

J2EE .NET APPLICATION GENERATOR

INNOVATION

Evolution of the economic environment forces companies to be more agile and flexible. A new approach is thus required to specify and implement business applications. New development standards originating from the OMG™ are now mature enough to enable the adoption of new types of project management practices.

In this context, NETEFFECTIVE TECHNOLOGY, an OMG™ member, has developed an innovative software tool BLU AGE™, which automatically generates J2EE and / or .NET applications.

BLU AGE™ adds value to Business Process Modeling and allows you to get rid of technical constraints.



SOLUTION

BLU AGE™ software is primarily targeted to be used by business /BPM consultants, system architects, analysts and designers. BLU AGE™ enables the interpretation of detailed specifications in UML® / OCL and XHTML in order to automatically generate applications for J2EE & .NET platforms.

Each generated application requires three input elements :

- **Business process models** in the form of UML® / OCL diagrams,
- **Screen lay-outs** in the form of XHTML files,
- **Technical components** of the operating system and the target platform.

By interpreting technology-independent business processes, business models and business rules, BLU AGE™ enhances corporate BPM investments.

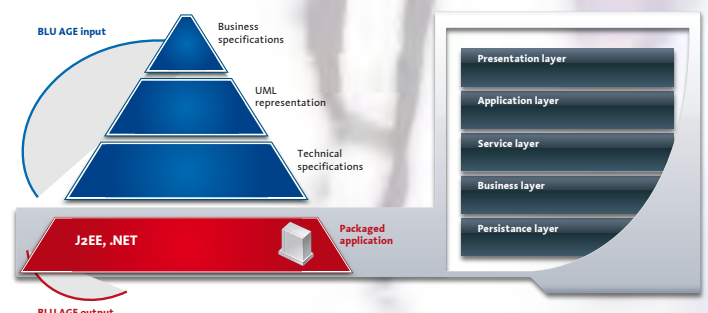
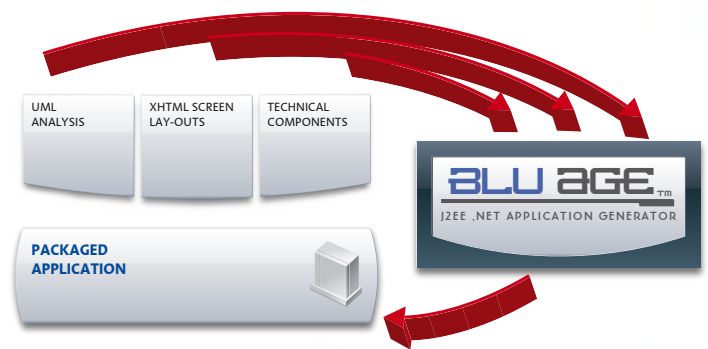
PRINCIPLES

BLU AGE™ represents a major breakthrough in application creation.

BLU AGE™ is a pragmatic implementation of MDA® practices and patterns, which rely on standards such as : UML®, XMI®, MOF™, OCL. It integrates a built-in bus for model exchange in XMI® format. BLU AGE™ models combine information system analysis with the company's data and its business processes.

BLU AGE™ enables the integration of standards and patterns imposed by its clients (specific frameworks).

At a glance



PROJECT METHODOLOGY

In contrast with conventional approaches which focuses on platform-dependant designs, BLU AGE™ is based on a business-driven methodology.

This enables the description of business process interactions with system actors and their various activities, in the form of UML® models.

BLU AGE™ consultants use :

- **The UML® language** to create models and describe processes,
- **The OCL language** to formally express complex business rules,
- **XHTML screen lay-outs** to create static web user interfaces for applications.

The BLU AGE™ project methodology is implemented in three main phases :

01. The launch phase

It starts with objective definition and review of global user needs. Frequency and duration of iterations are determined during this phase.

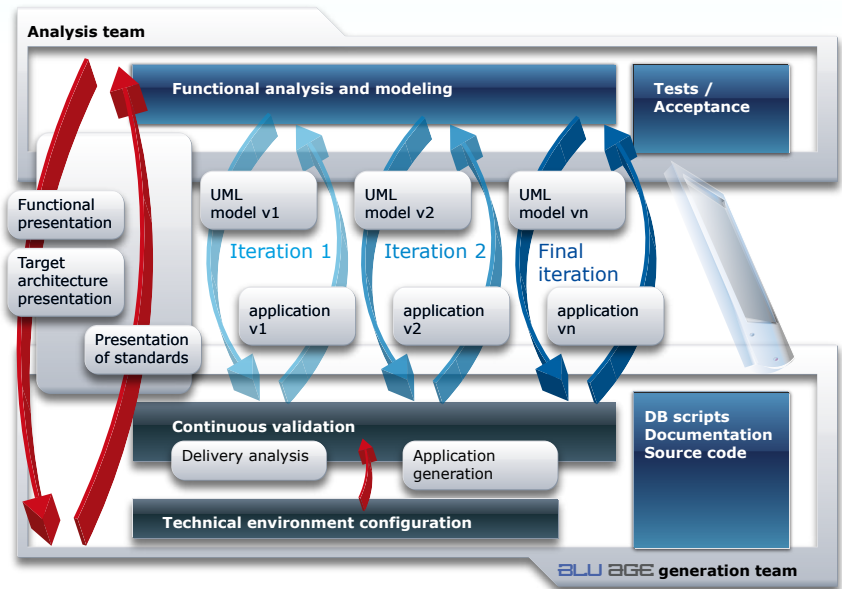
Critical processes and interfaces are also identified with IS experts.

02. The construction phase

It consists of generating the application in a number of iterations, starting with the validation of the target technical environment, followed by intermediate application tests and concluded with adjustments resulting from workshop sessions.

03. The acceptance phase

The final packaged application is produced, deployed and evaluated by end-users.



RELATED SERVICES

The BLU AGE CENTRE™ network offers you all the following services :

01. BLU AGE INSTITUTE™ training and consulting services

Our certified specialists in business modeling and UML® / OCL modeling tools train and assist your project team and service providers.

02. Application delivery services

Each iteration stage of a business application generation project is fully documented. The quality and comprehensive nature of the deliverables associated with these stages allows BLU AGE CENTRE™ professional services to propose project management facilities on a fixed price basis.

03. Business modeling and generation services

Based on the iterative construction of business applications, our BLU AGE™ project methodology offers clear concepts that can be shared by all project participants. It covers the description of business processes and ensures the alignment of IT architecture and frameworks with business requirements.

04. BLU AGE SOFTWARE INSURANCE™

BLU AGE™ automatic application generation software is available in J2EE and .NET environments via your BLU AGE CENTRE™, either through ASP or licensing.

CONTACT

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NETFECTIVE TECHNOLOGY is an OMG™ member.

NETFECTIVE supports

PLANETFINANCE

www.planetfinance.org
The Microfinance Platform

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PARTNERS

