

## smartGENERATOR complies with the MDA standard

smartGENERATOR is a generator-generator that produces runnable code and individual generators. It is oriented on standards such as CORBA, XMI and UML.

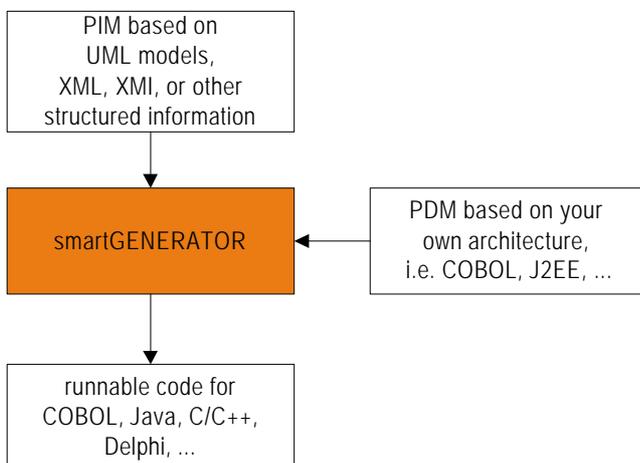
smartGENERATOR maintains a strict separation of implementation details and system architecture and thus complies with the MDA standard of OMG.

Platform dependant models (PDM), based on PIM, generate runnable code for each desired target language and architecture. PDM allows you to define your system architecture. You can use standard architectures such as J2EE, or define your own architectural models.

You can create your platform independent (PIM) and platform dependant (PDM) models with the tool of your choice. For example: Rational Rose, objectiF from microTOOL, Together from TogetherSoft or ObjectDomain from Object Domain Inc.

## Benefits

- Investment security through the reuse of PIM and PDM in future projects



## The course of generation with smartGENERATOR

- You can combine PIM und PDM according to your needs
- Define your own architecture on the basis of the CORBA conventions
- Produce runnable code for COBOL, Java, C/C++, Delphi or a target language of your choice
- Produce your own generator templates based on your specific needs

## Additional advantages of smartGENERATOR

- You can use the CORBA conventions, on which smartGenerator is based, to produce platform independent, reusable and individual generators
- Generation on the basis of any structured information data
- Generation of test drivers that are compatible with JUnit from a structured and example based requirement description, for example from Rational RequisitePro
- DDL-generator for your database system
- You can use PIM and smartGENERATOR to integrate new technologies such as mobile appliances into your system
- You can use smartGENERATOR to introduce object oriented technology into your legacy system, making it fit for the future. Numerous clients have already successfully done this.

## BITPlan GmbH – The consulting company

The consultants from BITPlan are specialists for the construction and generation of software architectures. The development process, ranging from the quality assured, example based requirement specification with test generation for JUnit to the modeling and generation of PIM and PDM ensures a well-ordered course of project development.

With our knowledge of the industry branches finance, insurance and energy, we can offer competent support in decision-making and implementation.

Our knowledge with respect to combining legacy systems (i.e. COBOL, PL/1) with modern technologies (i.e. internet, PDA, smartPhone) using an evolutionary development process, and the conversion of your systems to object oriented technology, secures your investments in your development team and systems.

Our offer is rounded off with individual training, which puts your development team in the position of being able to implement object oriented technology quickly and profitably.

## Contact

We would be pleased to speak with you about the possibilities of employing smartGENERATOR profitably for the development of your systems.

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