To take software from model to market, the Meta Development Environment (MDE) separates development of an application's business logic from the platform on which it runs. Consistent with OMG's MDA, the application's business logic is expressed in a Platform Independent Model (PIM) with UML.

MetaPrograms for the platforms and architectures on which the application will be implemented are written in Java.

MDE loads the PIM and executes the MetaPrograms, generating the application designed in the PIM on the platform contained in the MetaPrograms. The final step is to customize the generated application using traditional development tools.
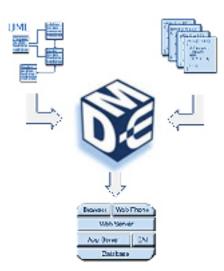
Metanology offers MetaPrograms for enterprise-scalable applications on J2EE and .Net that generate over 90% of an application. Since MDE's Java based MetaPrograms can be easily modified, you maintain control of the architecture and the generated code.

Tailoring MDE to your way of developing applications provides the freedom of hand coding, with the productivity benefits of advanced code generation. You can customize Metanology's MetaPrograms to your unique applications, architectures and standards. MDE lets you embrace OMG's emerging MDA standards while delivering software twice as fast and at a third of the cost.

And by using MDE, you get all these benefits with the confidence of knowing that MDE-built applications run on the most popular software in the industry and are in production at one of the world's most demanding environments: US banks.

Metanology began developing MDE to take software from model to market in 1997, four years prior to the introduction of MDA. MDE's success in building enterprise-scalable applications has led Dr. Richard Soley, Chairman and CEO of OMG, to declare:

"OMG is delighted to see Model Driven Architecture in action through Metanology's MDE. MDE provides a sound solution to the constant churn of emerging technologies and tools. Based on OMG MDA, users can now confidently depend on MDE's code generating technology to ensure increased efficiency and reduction of costs."