PROJECT TECHNOLOGY INC.

Project Technology's BridgePoint and DesignPoint

The heart of Project Technology's toolset is a metamodel of executable
semantics for MDA's™ platform-independent models (PIMs), comprising UML™
diagrams and an action-semantics compliant action language. The Model
Builder captures PIMs that conform to MDA in a repository based on the
metamodel. The Model Verifier is a platform-independent model interpreter.
Developers can establish sets of initial conditions, step through the
execution state by state or action by action, and modify the model, if
needed, as the model executes.

DesignPoint is a suite of products, each of which is a model compiler. Each
model compiler embodies a platform-specific model (PSM) with a set of translation rules
that compiles a PIM into a specific enterprise deployment model (EDM). Some
model compilers generate multi-tasking PSMs with persistence with an EDM
target of C++; others generate a single task sitting directly on the silicon
without the necessity for an embedded operating system into a C EDM. Every
model compiler is completely open, allowing developers the freedom to modify
the PSM directly, or to build their own platform-specific model.

Each DesignPoint model compiler relies on BridgePoint's Generator, which
accesses the PIM stored in a repository and applies the model compiler's
rules to generate text-text that can be for any programming language,
conforming to any API and any coding standards.

Shaun Greener, Project Technology's VP of Marketing said "Our customers
already benefit from the principles behind MDA Some are generating more
than two million lines of C++ from PIMs, while others are using optimized
model compilers to produce small quantities of C code for highly constrained
environments such as pacemakers. End-users of these products benefit from
the ability to interpret the models to know they're correct before
generating code for any target."

Stephen J. Mellor, CTO and Chair of the UML Action Semantics Submission
Consortium, added "The most exciting aspect of OMG's MDA initiative is the
notion of design-time interoperability. We hope soon to see a standard for
interchange of the semantics of models so that user can select between
best-of-breed model builders, model verifiers, test-vector generators, state
space provers, model compilers and so on. MDA enables the creation of a
tool chain for executable modeling."