

tangible architect 3.0 Released: New Model-Driven RAD Tool Generates up to 95% of a Custom Application

**Features Drag & Drop UI designer and
generates C# Business Objects and Database Schema**

Notzingen, Germany – November 1, 2005 – CASE Tool vendor tangible engineering today announced the release of tangible architect 3.0, an improved and extended version of its model-driven code generator for Visual Studio.NET. In addition to generating C# business objects and the database schema from UML models, the new version now allows developers to create rich, data-binding based User Interfaces using Drag & Drop. tangible architect 3.0 comes with a set of step-by-step video tutorials, making getting started with Model-Driven Development easier than ever before.

Paving the way for real-life usage of MDD

“Model-Driven Development is a hot topic in the developer community, but many still don’t know how to make it work in real-life projects. By offering developers built-in guidance, tangible architect makes Model-Driven Development finally accessible to everyone. In our video tutorials, we show users step by step how they can build a 13 KLOC database application in less than one hour!” Tim F. Fischer, founder and CEO of tangible engineering said.

tangible architect supports developers in every phase of the development process, from modeling to code generation and to UI design. Thanks to its round-trip engineering feature the tool supports and enforces consistency between model, code and database throughout the whole lifecycle. “This holistic approach makes tangible architect the superior platform for teams working with .NET,” Tim Fischer stated.

Feature Highlight: Drag and Drop UI Development

The most striking new feature of tangible architect 3.0 is the new model-based Drag & Drop user interface designer. After the creation of the business objects, the developer simply drags a DataSource component onto the form. Then he adds the business objects or attributes. The appropriate controls like grids, textboxes and so on are then created

automatically. The controls are automatically filled, and all changes are written back to the database.

Other new features and enhancements:

- **Video tutorials for a quick adoption of the MDD approach**
- **Automatic transaction mode to ease application prototyping**
- Specialized User Interface Controls
- Database Schema Verification
- Extended Query API
- Enhanced project wizards and better overall usability

A tangible way to generate database applications

With tangible architect, software developers define their business objects using an UML Model, tangible architect class view wizards or C# Interfaces. tangible architect then generates the business objects including data access code from within Visual Studio.NET. Thereafter, the developer can extend the business objects and use a Drag & Drop approach to bind them presentation layer. This way, 70-95% of the code of a typical application is automatically generated by tangible architect.

Pricing and Availability

tangible architect integrates with Visual Studio.NET and Microsoft® SQL Server 2000 or the free MSDE 2000 and is available in three different editions, with prices ranging from US\$ 250 to US\$ 750. Buyers of tangible architect 3.0 for Visual Studio.NET 2003 are entitled to a free upgrade to tangible architect 3.0 for Visual Studio.NET 2005 once available. A free, fully functional 30-Days Evaluation Version of tangible architect is available at www.tangible.de.

About tangible engineering GmbH

Headquartered near Stuttgart, Germany, tangible engineering GmbH is a pioneer in model-driven development and an early entrant to the emerging market for code generation tools. Working with industry clients such as DaimlerChrysler or Bosch and research institutions like Fraunhofer Gesellschaft, tangible engineering employees have over 10 years of experience in the most innovative, model-driven software development projects. To learn more about tangible engineering, visit www.tangible.de.

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Reporter Note: View the tangible architect Product Tour at www.tangible.de/tour for a quick illustrated tour of how tangible architect generates database applications, or check out the video tutorials at www.tangible.de/videos for an in-depth look.

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