Sparx Systems Brings UML Modeling To .NET

The days when software development required little more than a whiteboard, text editor and compiler have passed. Modern application development demands careful planning and modeling, preferably using the standards-based Unified Modeling Language (UML). The best resource for UML-compliant modeling with .NET? Sparx Systems.

Sparx Systems offers a complete modeling solution for .NET: Enterprise Architect and Model Driven Generator (MDG) Integration.

MDG Integration for Visual Studio 2005 integrates Enterprise Architect into VS 2005, allowing your development team to use the IDE to trace code to requirements, use cases, components and other model artifacts while taking advantage of UML for the definition and visualization of projects. With direct connectivity to Team Foundation Server (TFS), MDG Integration allows users to update, manage and link work items to model elements, and manage revisions of the UML model, all from within Visual Studio.

Team members can navigate the UML model within VS 2005, perform MDA transformations, generate reports, visualize and model databases, and collaborate using the built-in model discussion forum. Sparx Systems also has a version of MDG Integration for Visual Studio 2003, which bridges Enterprise Architect and Microsoft's older IDE.

Enterprise Architect is a UML 2.1–based analysis and design tool, assisting development teams to build robust and maintainable software. Enterprise Architect provides developers with the UML models developed by analysts and architects with

rich specifications to work from, and instant access to searchable, traceable and dynamic specifications. As work progresses, developers use Enterprise Architect to both forward-generate code and reverse-engineer handwritten code back into the shared model, keeping the model and all team members up-to-date.

"The combination of Enterprise Architect with MDG Integration offers many benefits," says Geoffrey Sparks, founder and CEO of Sparx Systems.

"In contrast to many other UML tools, Enterprise Architect has built-in features for tracking resource allocation, testing, maintenance, risk, metrics, issue and defect tracking," he explains. "Coupled with strong reporting facilities in HTML or Word-compatible format, our modeling tools ensure that your entire team is strongly aligned with your project's goals." ■
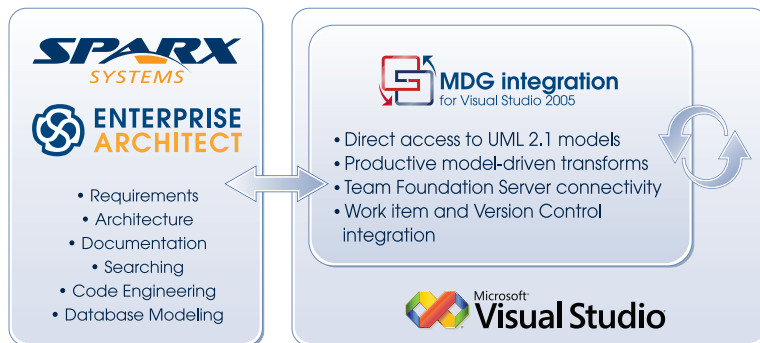
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