



Turn Visual Studio into the most productive Software Factory!

Fast Facts

Partner: SoftFluent
Web site: www.softfluent.com
Company Revenue: \$3M
Country or Region: France
Industry: Software

Partner Profile

SoftFluent is a Gold Certified .NET software development expert company. It has designed CodeFluent Entities, the 1st fully model-driven software factory for .NET.

Solution Profile

CodeFluent Entities guarantees automatic best practices of Microsoft architecture implementation including: Windows Forms, WPF, ASP.NET, Silverlight, Office, SharePoint, mobile platforms & Azure.

Software used

- Visual Studio 2010
- CodeFluent Entities
- .NET Framework 4.0
- SQL Server 2008
- ASP.NET
- Windows Forms

For more information about other Microsoft customer successes, please visit: members.microsoft.com/customerevidence

"With CodeFluent Entities, you don't have to keep your nose to the grindstone."

Ivan Audonnet, Technical Manager, Speig

Business Needs

Speig is the IT subsidiary of the Colas group, the #1 company in the world for roads.

It designs, implements or sub-contracts, and handles the corporation's IT management and business systems.

Business Challenges

Speig faced the challenge to transform an old legacy system into a more modern set of .NET applications through a gradual migration.

The other aspect of the challenge was to keep good productivity ratios as the one that were observed with simpler technologies in the client/server era.

Technical Challenges

Technically, because of this strategy of a gradual migration, Speig had to be able to create a new data model while plugging the existing one to the new modules.

Legacy modules had to continue operating with the previous data model in the process to support Speig business activity.

Partner Solution

CodeFluent Entities is a Visual Studio 2008/2010 integrated environment that helps you master present and future Microsoft .NET development technologies.

It is a model-first tool for continuous generation of all your application layers (user interface, services, business tier and database) that preserves your custom code.

It is very flexible and extensible to adjust to any architectures or custom constraints.





"You can lift your head up and get a better overall view of your project, of the road still ahead."

Yvan Audonnet, Technical Manager,
Speig

Benefits

Unique quality/productivity ratio

With CodeFluent Entities, you reach an optimal level of quality in the development process while preserving a satisfactory productivity with respect to budget and deadlines.

Scalability and Agility

Such an approach gives us the possibility to aggregate modified business rules in a simple manner, and then to alter applications accordingly. It provides for a greater agility on the modelling level.

Flexibility

Time saved on low-level layers allows us to focus our efforts on advanced functional needs. Within an application's lifecycle, evolutions aren't any more a cause for alarm – contrary to what they sometimes turn out to be when your system is not flexible enough.

This flexibility offered the opportunity to develop using SQL Server as the primary database while targeting Oracle Database as the production environment.

Customer service

Last but not least, the service we got through support and consulting by SoftFluent employees helped us in finding elegant solutions in areas that even go beyond the product itself.

Leverage of the whole Microsoft stack

The Microsoft technology stack is very complete. Leveraging of its capabilities without a clear methodology can be a challenge though. CodeFluent Entities brings you this methodology.

Availability inside Microsoft Visual Studio

CodeFluent Entities Modeler gives you the modelling and generation capabilities directly inside Microsoft Visual Studio, a very powerful development tool.



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