



# Data Aquarium Framework

Generate perfect code for Microsoft ASP.NET. Unleash your creativity and get things done.

## Quickly create web applications

The entire framework and application source code is generated by *Code OnTime Generator* straight from your database.

## No Coding Required

Simply change a few lines in XML files of data controller descriptors and refresh the web page to see your changes take effect.

## Enhanced Sorting and Filtering

Custom and adaptive filtering is automatically integrated into your generated application.

## Superior Database Lookups

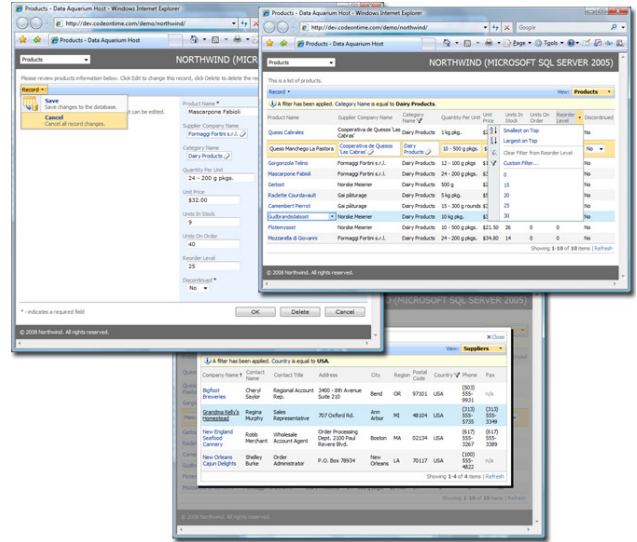
AJAX-enabled data lookups are created for all foreign key fields. Popup windows with advanced multi-view display capabilities are rendered automatically without any coding. The same great paging, sorting, and adaptive filtering features are available in all data lookup windows.

## Standard Role-Based Security

Declarative role-based control over who is allowed to read/write the data fields in user interface views. Integrates with standard *ASP.NET* security infrastructure.

## Entirely AJAX-based

The user interface of the generated application is rendered by java script components based on *ASP.NET AJAX Extensions 3.5* and *Ajax Control Toolkit*. AJAX-enabled calendars are displayed in edit mode for all date time fields. Popup windows with advanced multi-view display capabilities are created on-demand.



## Easy to Maintain

The entire generated application source code is an *ASP.NET 3.5* web site that can be opened in *Visual Studio 2008* or *Visual Web Developer Express 2008*. Reuse no-code data controller descriptors with custom action handlers throughout your entire application including client-side *AJAX* data views, database lookups, and web forms based on standard *ASP.NET 3.5* controls. The framework and application can be generated in *Visual C#* or *Visual Basic.NET*. There are no external dependencies. Complete source code is provided. You can also change the code generator templates if you feel that additional capabilities are needed.

## Easy Integration With Existing Code

An extremely small footprint and simple extension model allows you to integrate any *BLL/DAL* library to write custom server code to build your application. Data source control *ControllerDataSource* allows utilizing the power of declarative data controller descriptors and custom action handlers to create a true no-code data binding with server *Business Logic Layer*. This makes it possible to use *Data Aquarium Framework* with any commercial control library compatible with *DataSourceControl* binding model.

## Ready To Deploy

The generated application can be immediately deployed to the production environment to your *Windows 2003* or *Windows 2008* server.

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