



ReaFx

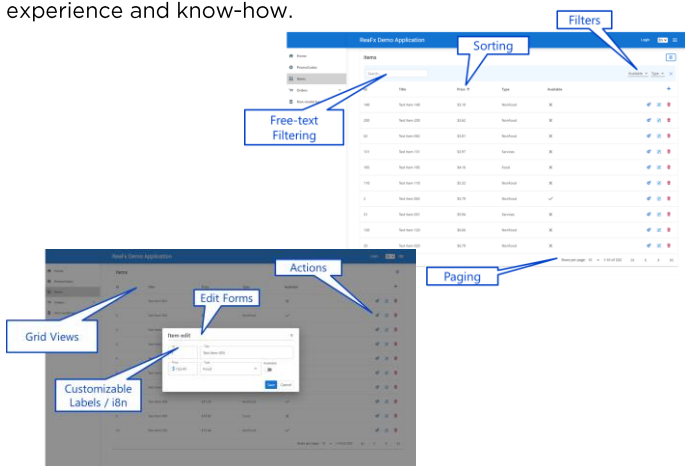
Develop your enterprise application efficiently and focus on what matters to your business

Why is ReaFx is the right choice?

Developing enterprise applications often start with a huge investment into a base implementation before customer value can be created. Furthermore the technology is evolving fast and security needs expert know-how.

ReaFx provides you the ability to have a fast and efficient startup phase and focus on the customer value from the beginning. Complex data access scenarios, integrated security and a state of the art architecture pattern are ready to be consumed.

Your business and authorization logic are implemented in technology and framework agnostic classes which results in an efficient implementation, low maintenance costs and excellent testability. The UI controls offer model-driven view definitions to support runtime configuration and customer focused customizations. 4tecture has developed many individual software solutions for various customers in the past 10 years. ReaFx contains our experience and know-how.



4tecture GmbH

4tecture offers consulting services for DevOps, cloud architectures and modern development processes in the .NET and Azure area. 4tecture provides services for all aspects of the development of new or existing software solutions. For more than 10 years we have been successfully supporting our customers in the industrial, pharmaceutical, financial, e-commerce, SaaS applications and telecommunication sectors. Our products [ReaFx](#) and [ProAuth](#) form the basis for an efficient, modern and secure software implementation.

ReaFx is an enterprise application framework for .NET developers and teams creating modern cloud-native business applications. ReaFx will speed up your development process because you are able to focus on your core application topics. We'll make sure, that the data access, the security, the layering and modularization is implemented according to best practices and standards. For data driven frontends we also offer a model based UI form generator.

Our Solution and Features

- Architecture blueprint / project templates
 - Strict layering
 - Business logic does not contain technical dependencies
 - REST-services with typed client generation
 - Messaging (PubSub) and state store abstractions
 - Solution and project templates
- Focus on business logic
 - Repository approach to have entity logic in one place
 - Base classes for controller, service, and repository
 - Security is built in, based on your definition
- Data Access
 - Entity Configuration / DTO Mapping
 - Entity graph isolation
 - Apply business logic across a graph of entities
 - Implicit include filters
 - Paging and dynamic filtering and sorting
 - Result Caching
 - Auditing
- Data-driven UI Framework (Blazor)
 - Model-driven view definition
 - Runtime customization of views and labels
 - Coded views and model-driven views can be combined
- SQL Server Data Tools (SSDT) extensions
 - Migration script versioning and management
 - Project templates for cross-platform compilation
- Abstraction layers for framework and tools
 - Faster upgrade, less maintenance effort
 - Better testability
 - Keep your core logic dependency free
- CLI
 - Runtime configuration of view definitions and translations
 - Developer support for scaffolding

Contact

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