

PROJECT DESCRIPTION

This sample is created by C# .NET 5.0 Core and Visual Studio 2022. Database storage is over SQLite database. Database file is PERSONAL_INFO.db and have to placed in the project directory.

The third party libraries:

- SQLite.Designer.dll
- SQLite.Interop.dll
- System.Data.SQLite.dll

are mandatory and have to placed in the project directory.

1. BasicObject - main business object basic class. The purpose is to contains all the basic interface for polymorphism in the class hierarchy.
2. Person - primary business object.
3. IPersonCommand CQRS interface for object modification process.
4. PersonCommand implementation of IPersonCommand.
5. IPersonReadService CQRS interface for separation interface from business logic.
6. PersonReadService implementation of IPersonReadService.
7. IPersonWriteService CQRS interface for separation interface from business logic.
8. PersonWriteService implementation of IPersonWriteService.
9. IPersonQueries CQRS interface for separation interface from business logic for obtaining business object data.
10. PersonQueries implements IPersonQueries.
11. DatabaseProvider singleton class, manages database connection.
12. MainWindow primary interface.