

Вебинар 1

Основы создания CRUD-приложений, базовый уровень

- 1) о данных, представлениях и бизнес-логике;
- 2) TaxiApp на примере WinForms + Material Design;
- 3) сервисно-репозиторийный подход;
- 4) персистентность/сериализация данных.

- Монолит
- Клиент-сервер
- 3-tier клиент-сервер
- Микросервисы

Presentation tier

The top-most level of the application is the user interface. The main function of the interface is to translate tasks and results to something the user can understand.



Logic tier

This layer coordinates the application, processes commands, makes logical decisions and evaluations, and performs calculations. It also moves and processes data between the two surrounding layers.



GET LIST OF ALL
SALES MADE
LAST YEAR



ADD ALL SALES
TOGETHER



Data tier

Here information is stored and retrieved from a database or file system. The information is then passed back to the logic tier for processing, and then eventually back to the user.



Database



Storage



-Пока НЕ говорим о:

- * MVC / MVP / MVVM
- * Clean architecture
- * DDD

C# Webinar1App

- Properties
- References
- Data
 - IRepository.cs
 - IUnitOfWork.cs
 - MockRepository.cs
 - Repository.cs
 - UnitOfWork.cs
- Entities
 - Car.cs
 - CarColor.cs
 - Driver.cs
 - IEntity.cs
 - Resources
- Services
 - AuthService.cs
 - DriverService.cs
 - IAuthService.cs
 - IDriverService.cs
- Views
 - DriverForm.cs
 - DriverForm.Design
 - DriverForm.resx
 - MainForm.cs
 - MainForm.Designer.cs
 - MainForm.resx
 - App.config
 - packages.config
- Program.cs

Taxi Service

DRIVERS

HISTORY

Driver	Car	No
Ivan Ivanov	Ford	a123er
Petr Petrov	Toyota	x343aa
Ivan Ivanov	Ford	a123er
Petr Petrov	Toyota	x343aa

 ADD DRIVER