**Log Microservice**

**Version 1.9**

🗖 Framework (Solution Folder)

🗖 Dtx (Class Library)

🖈Reference(s):

Resources

📦Nuget(s):

Install-Package MediatR  
Install-Package FluentResults  
Install-Package FluentValidation  
Install-Package Microsoft.EntityFrameworkCore  
Install-Package Microsoft.EntityFrameworkCore.InMemory  
Install-Package Microsoft.EntityFrameworkCore.SqlServer

Event.cs

Query.cs

CommandWithReturnValue.cs

CommandWithoutReturnValue.cs

**IQueryRepository.cs**

**IRepository.cs : IQueryRepository.cs**

**IQueryUnitOfWork.cs**

**IUnitOfWork.cs : IQueryUnitOfWork.cs**

🗖 Dtx.Logging (Class Library)

🗖 Microservices (Solution Folder)

🗖 LoggingMicroservice (Solution Folder)

🗖 Domain (Class Library)

🖈Reference(s):

Resources

📦Nuget(s):

Microsoft.EntityFrameworkCore.InMemory  
 Microsoft.EntityFrameworkCore.SqlServer

🗖 Models

🗖 Base

Entity.cs

Log.cs

🗖 IRepositories

ILogRepository.cs

🗖 IQueryRepositories

ILogQueryRepository.cs

IUnitOfWork.cs

IQueryUnitOfWork.cs

🗖 Persistence (~~DAL, Dal, DataAccess, Data~~) (Class Library)

🖈Reference(s):

Dtx  
 Domain

📦Nuget(s):

Microsoft.EntityFrameworkCore

🗖 Repositories

LogRepository.cs

🗖 QueryRepositories

LogQueryRepository.cs

UnitOfWork.cs

QueryUnitOfWork.cs

DatabsaeContext.cs

QueryDatabaseContext.cs

🗖 Core (~~Bootstrap~~) (Class Library)

🖈Reference(s):

Dtx  
Dtx.Logging  
Application

📦Nuget(s):

Install-Package FluentValidation.AspNetCore  
Install-Package MediatR.Extensions.Microsoft.DependencyInjection  
Install-Package AutoMapper.Extensions.Microsoft.DependencyInjection

DependencyContainer.cs

🗖 Resources (Class Library)

Messages.resx

DataDictionary.resx

🗖 Application (Class Library)

🖈Reference(s):

Dtx  
Domain  
Resources  
Persistence

📦Nuget(s):

Install-Package MediatR  
Install-Package AutoMapper  
Install-Package FluentResults  
Install-Package FluentValidation

🗖 LogsFeature

🗖 Events

LogCreatedEvent.cs

🗖 EventHandlers

LogCreatedEventHandler.cs

🗖 Queries

GetLogsQuery.cs

🗖 QueryHandlers

GetLogsQueryHandler.cs

🗖 Commands

CreateLogCommand.cs

🗖 CommandHandlers

CreateLogCommandHandler.cs

🗖 ViewModels

GetLogsQueryResponseViewModel.cs

🗖 Validators

GetLogsQueryValidator.cs

CreateLogCommandValidator.cs

MappingProfile.cs

🗖 Api (ASP.NET MVC Core)

🖈Reference(s):

Dtx

Core

Application

Persistence

📦Nuget(s):

Install-Package FluentResults

Install-Package FluentValidation.AspNetCore

🗖 Controllers

LogsControllers.cs

🗖 Infrastructure

Constant.cs

ControllerBase.cs

Test Application by Postman:

<https://localhost:5001/logs>

Post:

{}

Post:

{ "ApplicationName" : "value1" , "Namespace": "value2" , "ClassName" : "value3", "MethodName" : "value4", "RemoteIP": "12345123451234512345" }

Post:

{ "ApplicationName" : "value1" , "Namespace": "value2" , "ClassName" : "value3", "MethodName" : "value4", "RemoteIP": "12345123451234512345" }