**FullDeveloperToolKit Project**

v. 1.0

<https://github.com/karllos1982/FullDeveloperToolKit>

Summary:

Framework for fullstack .NET development, basied on DDD / Clean architeture.

Especifications:

.Net 8.0, C#, Dapper (or EntityFramework), SQL Server (or anothers databases)

Architeture:

**Overall Overview**

MyProject Backend

FullDevToolKit.System

Dapper

API

Domain

Contracts

Data

(Repository)

Models

Mobile App

WebSite

Gateway

MyProject API / Frontend

**Framework Overview**

**# Package Name: FullDevToolKit (dll)**

**# Namespaces:**

Namespace**: FullDevToolKit**

**Common**

DefaultGetParam, InnerException, OperationStatus, ExecutionStatus, APIResponse, RequestStatus, UserStatus, AuthToken, AuthParams, SessionParams, DataLogObject, SourceConfig, PERMISSION\_CHECK\_ENUM, PERMISSION\_STATE\_ENUM, IUserPermissions, UserPermissions, PermissionsState

**Helpers**

DateHelpers, FileHelper, QueryBuilder, Security, Utilities, Validation

Models

(TParam, TModel, TList, TSearchResult)

**Core**

IRepositorySet

IContext

IBusinessModule

IDomainSet

IManager

IContextBuilder

IDomain

IRepository / IReadRepository

ISettings

APIGatewayManagerAsync

HttpConnection

APIGatewayResponse

Localization

IAppSettings

Manager

IAppSettings

**ApplicationHelpers**

Mail

Manager

MailSettings

Namespace**: FullDevToolKit.System**

ParametersModels

LocalizationTextsModels

DataLogModels

GroupParametersModels

**Models.System**

PermissionModels

ObjectPermissonsModels

SessionModels

UserModels

RoleModels

InstanceModels

UserInstances

Models

UserRoleModels

**Models.Identity**

ISystem

Manager

*FullDevToolKit.Core.*

*IBusinessModule*

IIdentityModule

ISystemModule

*FullDevToolKit.Core.*

*IDomain*

ISystem

DomainSet

Domain

(interfaces)

Instance

Role

User

ObjectPermission

Permission

DataLog

SessionLog

LocalizationTexts

Parameters

Respositories (interfaces)

Instance

Role

User

UserRoles

UserInstances

ObjectPermission

Permission

DataLog

SessionLog

LocalizationTexts

GroupParameters

Parameters

*FullDevToolKit.Common.*

*IContext*

**Contracts**

ISystem

RepositorySet

*FullDevToolKit.Core.*

*IRepository*

**Data**

InstanceRepository

RoleRepository

UserRepository

UserRolesRepository

UserInstancesRepository

ObjectPermissionRepository

PermissionRepository

DataLogRepository

SessionLogRepository

LocalizationTextsRepository

GroupParametersRepository

ParametersRespository

Dapper

SqlServerClient

QuerysManager

System

RepositorySet

IDbConnection

IDbTransaction

DapperContext

System

RepositorySet

SystemModule

IdentityModule

ISystem

Manager

System

DomainSet

InstanceDomain

RoleDomain

UserDomain

ObjectPermissionDomain

PermissionDomain

DataLogDomain

SessionLogDomain

LocalizationTextsDomain

ParametersDomain

**Domain**

DapperContext