Namespace SQLServer.Migrations

Classes

InitialCreate

A base class inherited by each EF Core migration.

Class InitialCreate

Namespace: SQLServer.Migrations

Assembly: SQLServer.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(ApplicationDbContext))]
[Migration("20241204074017_InitialCreate")]
public class InitialCreate : Migration
```

Inheritance

object ← Migration ← InitialCreate

Inherited Members

Migration.InitialDatabase , Migration.TargetModel , Migration.UpOperations , Migration.DownOperations , Migration.ActiveProvider , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Remarks

See Database migrations for more information and examples.

Methods

BuildTargetModel(ModelBuilder)

Implemented to build the TargetModel.

```
protected override void BuildTargetModel(ModelBuilder modelBuilder)
```

Parameters

`modelBuilder` ModelBuilder

The ModelBuilder to use to build the model.

Remarks

See Database migrations for more information and examples.

Down(MigrationBuilder)

Builds the operations that will migrate the database 'down'.

```
protected override void Down(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by this migration so that it returns to the state that it was in before this migration was applied.

This method must be overridden in each class that inherits from Migration if both 'up' and 'down' migrations are to be supported. If it is not overridden, then calling it will throw and it will not be possible to migrate in the 'down' direction.

See Database migrations for more information and examples.

Up(MigrationBuilder)

Builds the operations that will migrate the database 'up'.

```
protected override void Up(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by the previous migration so that it is up-to-date with regard to this migration.

This method must be overridden in each class that inherits from Migration.

See Database migrations for more information and examples.

Namespace SqlServerRemoteAccess

Classes

ApplicationDbContext

Контекст базы данных Entity Framework Core для работы с сущностью Student

Student

Класс, представляющий студента в системе

Class ApplicationDbContext

Namespace: SqlServerRemoteAccess

Assembly: SQLServer.dll

Контекст базы данных Entity Framework Core для работы с сущностью Student

```
public class ApplicationDbContext : DbContext, IInfrastructure<IServiceProvider>,
IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService,
IDisposable, IAsyncDisposable
```

Inheritance

object ← DbContext ← ApplicationDbContext

Implements

IInfrastructure<IServiceProvider>, IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService, IDisposable, IAsyncDisposable

Inherited Members

DbContext.Set<TEntity>() , DbContext.Set<TEntity>(string) , DbContext.ConfigureConventions(ModelConfigurationBuilder) , DbContext.OnModelCreating(ModelBuilder) , DbContext.SaveChanges() , DbContext.SaveChanges(bool) , DbContext.SaveChangesAsync(CancellationToken) , DbContext.SaveChangesAsync(bool, CancellationToken) , DbContext.Dispose() , DbContext.DisposeAsync() , DbContext.Entry<TEntity>(TEntity) , DbContext.Entry(object) , DbContext.Add<TEntity>(TEntity) , DbContext.AddAsync<TEntity>(TEntity, CancellationToken) , DbContext.Attach<TEntity>(TEntity) , DbContext.Update<TEntity>(TEntity) , DbContext.Remove<TEntity>(TEntity) , DbContext.Add(object) , DbContext.AddAsync(object, CancellationToken) , DbContext.Attach(object) , DbContext.Update(object) , DbContext.Remove(object) , DbContext.AddRange(params object[]) , DbContext.AddRangeAsync(params object[]) , DbContext.AttachRange(params object[]) , DbContext.UpdateRange(params object[]) , DbContext.RemoveRange(params object[]) , DbContext.AddRange(IEnumerable<object>) , DbContext.AddRangeAsync(IEnumerable<object>, CancellationToken) , DbContext.AttachRange(IEnumerable<object>) , DbContext.UpdateRange(IEnumerable<object>) , DbContext.RemoveRange(IEnumerable<object>) , DbContext.Find(Type, params object[]) , DbContext.FindAsync(Type, params object[]) , DbContext.FindAsync(Type, object[], CancellationToken) , DbContext.Find<TEntity>(params object[]) , DbContext.FindAsync<TEntity>(params object[]) , DbContext.FindAsync<TEntity>(object[], CancellationToken) , DbContext.FromExpression<TResult>(Expression<Func<IQueryable<TResult>>>) , DbContext.Database , DbContext.ChangeTracker , DbContext.Model , DbContext.ContextId , DbContext.SavingChanges , DbContext.SavedChanges , DbContext.SaveChangesFailed , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Students

Набор данных студентов

```
public DbSet<Student> Students { get; set; }
```

Property Value

DbSet<Student>

Methods

OnConfiguring(DbContextOptionsBuilder)

Конфигурация подключения к базе данных

```
protected override void OnConfiguring(DbContextOptionsBuilder optionsBuilder)
```

Parameters

`optionsBuilder` DbContextOptionsBuilder

Class Student

Namespace: SqlServerRemoteAccess

Assembly: SQLServer.dll

Класс, представляющий студента в системе

```
public class Student
```

Inheritance

object ← Student

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

FullName

Полное имя студента

```
public string FullName { get; set; }
```

Property Value

string

Id

Уникальный идентификатор студента

```
public int Id { get; set; }
```

Property Value

int↗