

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\(Cancellation_token\).](#),
[DbContext.SaveChangesAsync\(bool, Cancellation_token\).](#), [DbContext.Dispose\(\).](#),
[DbContext.DisposeAsync\(\).](#), [DbContext.Entry<TEntity>\(TEntity\).](#), [DbContext.Entry\(object\).](#),
[DbContext.Add<TEntity>\(TEntity\).](#), [DbContext.AddAsync<TEntity>\(TEntity, Cancellation_token\).](#),
[DbContext.Attach<TEntity>\(TEntity\).](#), [DbContext.Update<TEntity>\(TEntity\).](#),
[DbContext.Remove<TEntity>\(TEntity\).](#), [DbContext.Add\(object\).](#),
[DbContext.AddAsync\(object, Cancellation_token\).](#), [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\(IEnumerable<object>, Cancellation_token\).](#),
[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\[\], Cancellation_token\).](#), [DbContext.Find<TEntity>\(params object\[\]\).](#),
[DbContext.FindAsync<TEntity>\(params object\[\]\).](#),
[DbContext.FindAsync<TEntity>\(object\[\], Cancellation_token\).](#),

[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

