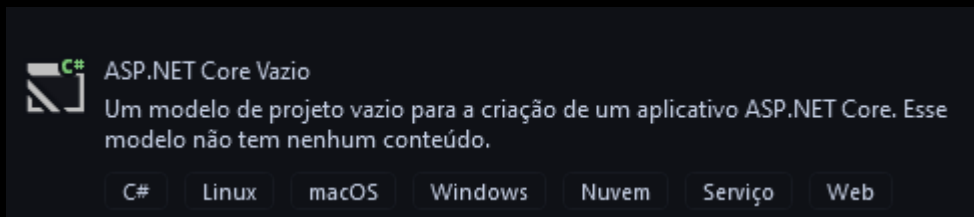# CRUD C# SQL SERVER

Create a WebApplication

Install Microsoft.EntityFrameworkCore.SqlServer in the project of the context.

Install Microsoft.EntityFrameworkCore.Tools in the project of the context.

Make the command

Scaffold-DbContext
"Server={nameServer};Database={nameDatabase};Trusted_Connection=True;"
Microsoft.EntityFrameworkCore.SqlServer -OutputDir {nameFolder}

nameServer:

nameDatabase:

nameFolder:

Create tables and columns

```
CREATE TABLE table_name (
    column1 datatype,
    column2 datatype,
    column3 datatype,
    ....
);
```

~After creating the tables

 Visual Studio: Tools > NuGet Package Manager > Package Manager Console

Remember selecting in default project the one of the {nameFolder}

Now run the command.

Message success:


```csharp
3 referências
public partial class TopicsProvisoryContext : DbContext
{
    0 referências
    public TopicsProvisoryContext()
    {
    }

    0 referências
    public TopicsProvisoryContext(DbContextOptions<TopicsProvisoryContext> options)
        : base(options)
    {
    }

    0 referências
    public virtual DbSet<Link> Links { get; set; } = null!;
    0 referências
    public virtual DbSet<Topic> Topics { get; set; } = null!;
    0 referências
    public virtual DbSet<Usage> Usages { get; set; } = null!;

    0 referências
    protected override void OnConfiguring(DbContextOptionsBuilder optionsBuilder)
    {
        if (!optionsBuilder.IsConfigured)
        {
```
arning: To protect potentially sensitive information in your connection string, you should move it out of source code. You can avo

Call the context: DBContext context = new DBContext() → context.Column