How to Use Nuget Package

Vijay.DataAccess

https://www.nuget.org/packages/Vijay.DataAccess

Add connection string (DefaultConnection)

appsettings.json file OR your configuration source

```
{
  ...other configurations....
  "ConnectionStrings": {
    "DefaultConnection": "Data Source=[YOUR SERVERNAME];Initial Catalog=[YORDB];User ID=***;Password=***;"
  },
  "AllowedHosts": "*"
}
```

Step 1: Installation

Run following command

```
dotnet add package Vijay.DataAccess
```

Step 2: Registration

```
using Vijay.DataAccess.Extensions;
```

Startup.cs

```
services.AddVijayDataAccessServices(Configuration);
```

Program.cs

```
builder.Services.AddVijayDataAccessServices(builder.Configuration);
```

How to Use ?

Inject Dependency in your Controller

```
public class AccountController : ControllerBase
{

    private readonly ISqlDataAccess sqlDataAccess;
    public AccountController(ISqlDataAccess sqlDataAccess)
    {
        this.sqlDataAccess = sqlDataAccess;
    }
}

[HttpGet("GetData")]
public async Task<IActionResult> GetData()
{
    SqlRequest query = new SqlRequest("Select * from Student");
    var result = await sqlDataAccess.GetDataTableAsync(query);
    return Ok(result);
}
```

That's All Simple and Superb !

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Case: Stored Procedure With Parameter

Let's Say you have procedure like this

```
create procedure spGetUsersByCityAndGender
@city nvarchar(50),
@gender nvarchar(50)
as
Begin
	select UserName, Gender, City from [User]
	Where City = @city
	and Gender = @gender
End
```

Example: How to fetch Data from Stored Procedure

```
[HttpGet("GetData")]
public async Task<IActionResult> GetData()
{
    string procedureName = "spGetUsersByCityAndGender";
    string parameters = "city|gender";
    string parameterValues = "surat|female";
    SqlRequest query = SqlRequest.FromNamedParameters(procedureName, parameters, parameterValues);
    var result = await sqlDataAccess.GetDataTableAsync(query);
    return Ok(result);
}
```

This is the result you will get

```
{
  "resultObject": [
    {
      "userName": "Geeta",
      "gender": "Female",
      "city": "Surat"
    }
  ],
  "isSuccessful": true,
  "message": "DataTable loaded successfully.",
  "exception": null,
  "rowsAffected": 1,
  "outputValues": {
    "ExecutionTimeMs": 23
  }
}
```

1. Your query results in a resultObject.
2. Information about success and failure.
3. Row counts.
4. Execution time in milliseconds..

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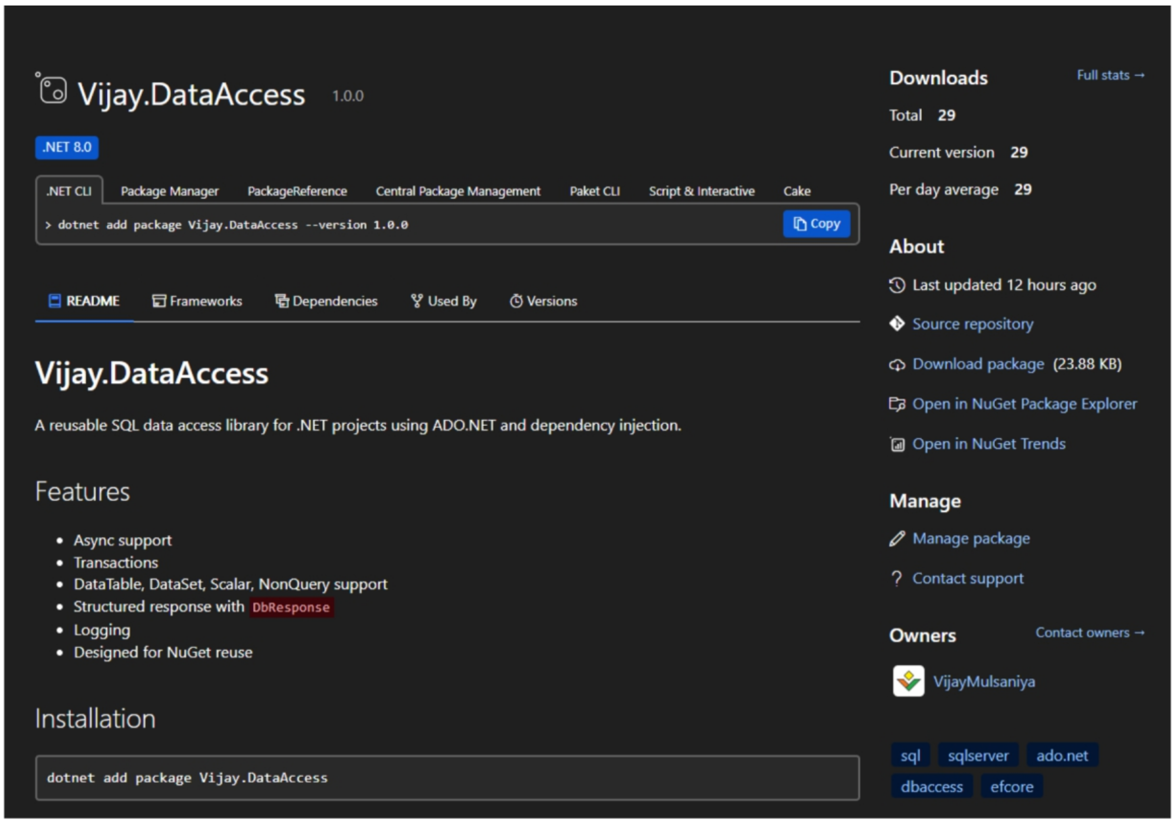
Additional Features

- ✓ Async support
- ✓ Transactions
- ✓ DataTable, DataSet, Scalar, NonQuery support
- ✓ Structured response with DbResponse
- ✓ Logging
- ✓ Designed for NuGet reuse

Would you like to know more about ?

Drop your question here
http://vijaytutor.com/ContactUs

Or Visit
https://www.nuget.org/packages/Vijay.DataAccess



Vijay.DataAccess 1.0.0

.NET 8.0

```
> dotnet add package Vijay.DataAccess --version 1.0.0
```

Vijay.DataAccess

A reusable SQL data access library for .NET projects using ADO.NET and dependency injection.

Features

- Async support
- Transactions
- DataTable, DataSet, Scalar, NonQuery support
- Structured response with `DbResponse`
- Logging
- Designed for NuGet reuse

Installation

```
dotnet add package Vijay.DataAccess
```

Downloads

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About

Last updated 12 hours ago