

RESTfulClient

This Restful Web Service was developed with .NET Core and C#, and it contains the main HTTP methods.

General Description

This is a Restful Service containing web applications Services that return their response in JSON. Here is a sample depicting one of these responses:

```
[{
  "clientId":1,
  "name":"John Smith",
  "address":"1st Street",
  "phoneNumber":null,
  "email":"john@provider.com",
  "modifiedBy":"Lucas Moraes",
  "modifiedOn":"2020-06-30T23:25:46.637"
}]
```

Path to the Services (samples)

<https://localhost:5001/api/Client/GetAll>

<https://localhost:5001/api/Client/Get/1>

<https://localhost:5001/api/Client/Delete/1>

PS: The below scripts are necessary to run these samples.

Scripts

Here is the script for creating the Table used by this application:

```
SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

CREATE TABLE [dbo].[Client](
    [ClientId] [bigint] IDENTITY(1,1) NOT NULL,
    [Name] [nvarchar](100) NOT NULL,
    [Address] [nvarchar](600) NOT NULL,
    [PhoneNumber] [nvarchar](50) NULL,
    [Email] [nvarchar](100) NULL,
    [ModifiedBy] [nvarchar](100) NOT NULL,
    [ModifiedOn] [datetime] NOT NULL,
    CONSTRAINT [PK_Client] PRIMARY KEY CLUSTERED
    ([ClientId] ASC)
    WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
    ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF)
    ON [PRIMARY]
) ON [PRIMARY]
GO
```

This script is for inserting the row needed by the samples:

```
SET IDENTITY_INSERT [dbo].[Client] ON  
GO
```

```
INSERT [dbo].[Client] ([ClientId], [Name], [Address], [PhoneNumber], [Email],  
[ModifiedBy], [ModifiedOn])  
VALUES (1, N'John Smith', N'1st Street', NULL, N'john@provider.com', N'Lucas  
Moraes', CAST(N'2020-06-30T23:25:46.637' AS DateTime))  
GO
```

```
SET IDENTITY_INSERT [dbo].[Client] OFF  
GO
```