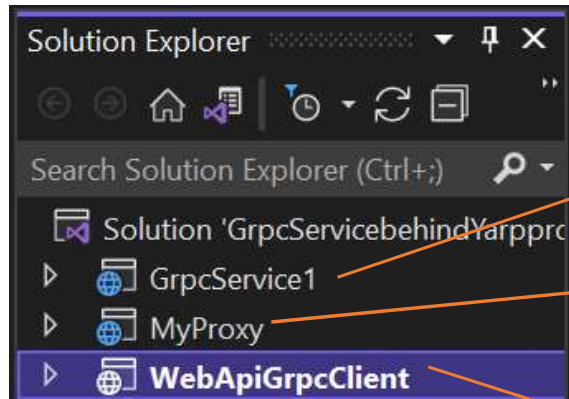


Project Structure



Webapi and Grpc Hosted in ASP.NET Core

A proxy Server for Hiding the apis .
In this case it is a proxy for grpcservice1

Web api and Grpc client .
The client will call only myproxy not Grpc Service

Steps to run

Step-1

```
D:\mygithub\asp.net-core-grpc-service-behind-yarp-proxy\GrpcService1>dotnet run
Building...
warn: Microsoft.AspNetCore.Server.Kestrel[0]
      Overriding address(es) 'http://localhost:5051, https://localhost:7051'. Binding to endpoints defined via IConfiguration and/or
UseKestrel() instead.
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: http://0.0.0.0:5059
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: http://0.0.0.0:6000
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Development
info: Microsoft.Hosting.Lifetime[0]
      Content root path: D:\mygithub\asp.net-core-grpc-service-behind-yarp-proxy\GrpcService1\
```

Step-2

```
D:\mygithub\asp.net-core-grpc-service-behind-yarp-proxy\MyProxy>dotnet run
Building...
warn: Microsoft.AspNetCore.Server.Kestrel[0]
      Overriding address(es) 'https://localhost:7181, http://localhost:5181'.
      UseKestrel() instead.
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: http://0.0.0.0:5000
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Development
info: Microsoft.Hosting.Lifetime[0]
      Content root path: D:\mygithub\asp.net-core-grpc-service-behind-yarp-pr
info: Yarp.ReverseProxy.Forwarder.HttpForwarder[9]
      Proxying to http://localhost:6000/greet.Greeter/SayHello HTTP/2 Request
info: Yarp.ReverseProxy.Forwarder.HttpForwarder[9]
      Proxying to http://localhost:6000/greet.Greeter/SayHello HTTP/2 Request
```

Step-3

```
D:\mygithub\asp.net-core-grpc-service-behind-yarp-proxy\WebApiGrpcClient>dotnet run
Building...
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: https://localhost:7067
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: http://localhost:5067
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Development
info: Microsoft.Hosting.Lifetime[0]
      Content root path: D:\mygithub\asp.net-core-grpc-service-behind-yarp-proxy\
```

