

FluentAds Client

Just a library that uses Beckhoff.TwinCAT.Ads --version 6.0.74 that can save some time

How to use

1. Include the FluentAdsClient namespace in your program

using FlientAdsClient; (line 6 in sample program)

2. Create a SimplifiedAdsClient by calling the constructor and check connection

```
SimplifiedAdsClient plc = new SimplifiedAdsClient(amsNetID : "192.168.1.12.1.1", port: 851);  
Console.WriteLine(plc.CheckClientConnection());
```

3. If you successfully created the client, you can retrieve all the symbols with these methods

```
Dictionary<string, dynamic> SymbolsDictionary = plc.GetAllSymbols();  
var AllVariables = plc.ConvertPlcDictionaryToClassList(SymbolsDictionary);
```

4. You can read all the states with this method

```
AllVariables = await plc.ReadAll(AllVariables);
```

Note: If you want to constantly poll the states in a Real-Time application, you may create an async Task to constantly read the variable states