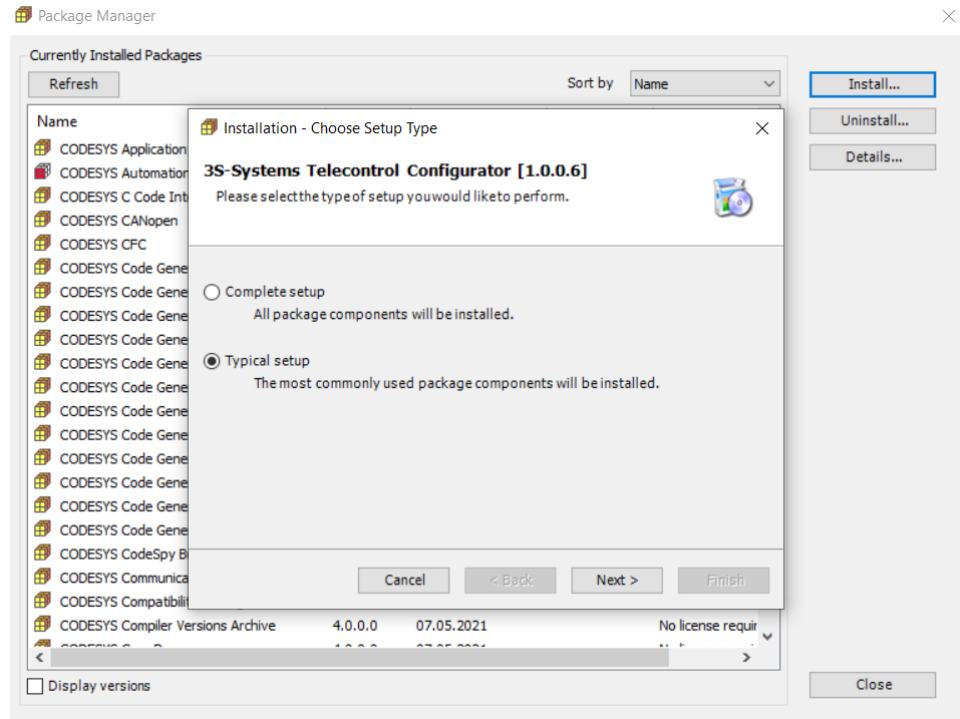
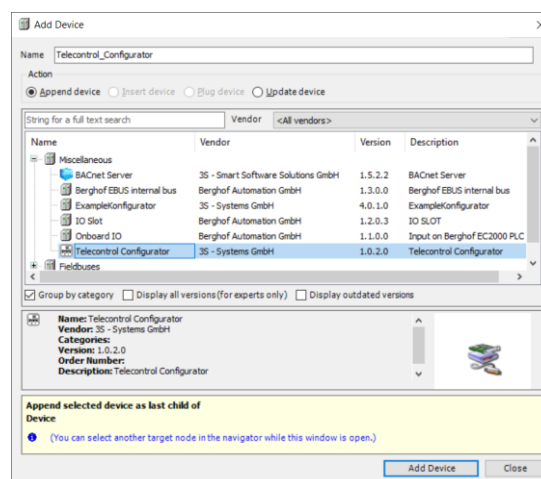


Quickstart

- This is a quick start guide for installing the Telecontrol CODESYS Package. Basic experience with CODESYS is required. In the “Tools - Package Manager – Install” menu, select the “TelecontrolConfigurator.package” file.



- Create a new CODESYS project.
- Add a new device (Telecontrol Configurator).



- Open the Telecontrol Configurator.
- Add a few IEC 60870-5-104 information objects and configure the IEC 60870 server.
- Compile [F11] the CODESYS project.
After compilation, there will be a GVL, task and code generated for the IEC 60870-5-104 configuration.

- The data points are accessed either by defining variables in the configurator or by direct access to the respective information object (screenshot below).

```
4      xInitDone                                : BOOL;
5  END_VAR
6  VAR_INPUT
7      fbServer                                  : fb87s_Server104E1;
8
9      fbASDU_0001                               : fb87s_ASDU;
10     fbInfoObj_M_SP_01_0001_000001            : fb87s_InfoObjM_01SP; //
11     fbInfoObj_M_SP_01_0001_000002            : fb87s_InfoObjM_01SP; //
12     fbInfoObj_M_SP_01_0001_000003            : fb87s_InfoObjM_01SP; //
13     fbInfoObj_M_DP_03_0001_000001            : fb87s_InfoObjM_03DP; //
14     fbInfoObj_M_DP_03_0001_000002            : fb87s_InfoObjM_03DP; //
15     fbInfoObj_M_ST_05_0001_000001            : fb87s_InfoObjM_05ST; //
16     fbInfoObj_M_ST_05_0001_000002            : fb87s_InfoObjM_05ST; //
17     fbInfoObj_M_BO_07_0001_000001            : fb87s_InfoObjM_07BO; //
18     fbInfoObj_M_BO_07_0001_000002            : fb87s_InfoObjM_07BO; //
19
20 IF (xInitDone) THEN
21     fbServer();
22 ELSE;
23     xInitDone := mInit();
24 END_IF;
25
26
27 fbInfoObj_M_SP_01_0001_000001.
```

Dropdown menu contents:

- mInit
- mQuery
- mSQL_Update
- tyCp56
- tyInfoObj
- xI_BL
- xI_IV
- xI_NT