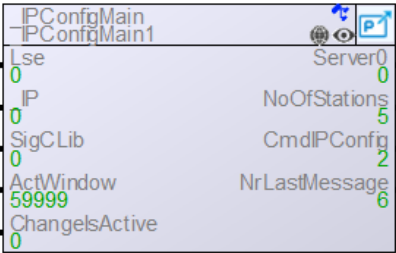


_IPConfigMain



This is the main class of the AddOn "IP-Configuration".
It handles the station and interface spanning functions and procedures - find more information in the programming manual of the AddOn.

Interfaces

Servers

| | |
|---------------|---|
| Server0 | class server, serves for calling global methods. |
| NoOfStations | number of registered station objects |
| CmdIPConfig | server for commands, to edit the IP configuration from the visualization |
| NrLastMessage | <div>number of the last message (evaluated in the visualization)</div> <div>negative Msg-No: Errors</div> <div>-01 - ERROR 01: "check IP Settings" internal error during check</div> <div>-02 - ERROR 02: "check IP Settings" stations with same IP address</div> <div>-03 - ERROR 03: "check IP Settings" IP address is not allowed</div> <div>-04 - ERROR 04: "check IP Settings" IP/subnet combination incorrect</div> <div>-05 - ERROR 05: "check IP Settings" IP/gateway combination incorrect</div> <div>-06 - ERROR 06:</div> <div>-07 - ERROR 07: no stations (interfaces) registered</div> <div>positive Msg-No: Messages</div> <div>+01 - "Check IP settings" was OK</div> <div>+02 - IP configuration is busy – try again later</div> <div>+03 - "Apply IP settings" started ...</div> <div>+04 - IP application failed, settings reset</div> <div>+05 - IP application successful - SOFTRESET follows ...</div> <div>+06 - IP application finished successfully</div> |

Clients

| | |
|-----------------------|--|
| Lse | Object channel to the LSE object |
| _IP | Object channel to the system interface _IP (created automatically) |
| SigClib | Object channel to the system interface SigClib (created automatically) |
| ActWindow | Number of the active window Connecting to the according server of the class "ProjectGlobal" |
| ChangelsActive | 1 = the process of changing the IP address is active For example, this information should be used during this time to deactivate a TCPCommunication that may be present in the project. |

Global Methods

| | |
|------------------------|---|
| IF_ProjectRun | is used for cyclic tasks |
| IF_IpClni | This method is called once after the Init and provides access to the information of the file ipc.ini. |
| RegisterStation | This method is called by the station objects via the object channel to register in the main class. |

Defines

```
//=====
#define MaxNoStations      50          // max. allowed No of stations
#define IPcfGwindowNrMsgBox 51000     // window-Number of the Message Box
//=====
```