
domogik-plugin-plcbus

Release 0.1

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Plugin plcbus

1.1 Purpose

Plcbus is an automation technology which allows to switch and dim lights, control appliances, etc. This plugin allows to control plcbus devices.

Following interfaces are supported :

PLCBUS-1141U

1.2 Dependencies

To use the plcbus plugin, you need the python serial package. To install it, launch this command:

```
sudo apt-get install python-serial
```

1.3 Plugin configuration

Device: Path to Plcbus interface Default : /dev/plcbus

Usercode: The user code you want to use in your house. You can safely keep the default value or choose your own one. It is only really useful if you have more than 255 plcbus items or if your neighbours also have plcbus devices.

It is much faster than the STATUS_REQUEST order, because you ask all the devices in one house using only 1 message. probe-list

Housecode: The plugin will scan devices in all housecodes indicated by this field. If you know you only have devices with housecodes "A" and "B", then only keep "AB" in this field, so that the plugin won't scan other roomcodes. Save your configuration

Probe-interval: To detect changes made by other controllers than Domogik (remotes, switches, etc), Domogik uses fastpolling. It also helps to discover new devices. You can start setting this value to 5 seconds and then adapt it to your needs. The plugin will do a fastpoll every probe-interval seconds. In fact, it uses 2 commands :

First do a "GET_ALL_ID_PULSE", to detect all devices. Then do a "GET_ALL_ON_ID_PULSE", to detect the state of all devices.

Just hit the "Save the configuration button" and wait the "Config saved successful". Start the plugin

You can now start the plugin (start button).

1.4 Create the devices

1.4.1 Device parameters configuration

X parameters are needed for a domogik device creation ...

Key	Type	Description
Name	String	Name of the device you want
address	String	PLcbus address of the module (A1, B3, etc)

1.5 Start the plugin

You can now restart the plugin (start button) and use the created devices.

1.6 Set up your widgets on the user interface

You can now place the widgets of your devices features on the user interface.

Changelog

2.1 0.1

- Plugin creation
- Adapt the old domogik 0.3 from : Yoann HINARD <yoann.hinard at gmail.com>, Francois PINET <domopyx at gmail.com>