

X10 Package 2.7

The X10 Package provides an implementation of the X10 protocol. The X10 protocol is commonly used in home automation for the management of low-cost home devices such as lights, cameras, and security systems over standard AC power lines.

Features

- OSGi X10 API
- A CM11A base driver which provides a RS232 to X10 communication interface, based on the javax.comm API
- Control Unit representation of X10 devices and networks connected to a CM11A controller

Benefits

- Control of X10 networks and devices from an OSGi framework environment
- Enables the installation of a smart house network, that can easily be managed from a control point without the necessity to wire the appliances

ProSyst X10 Solution Details

ProSyst defines Java X10 API for accessing the X10 network. This API is implemented by an OSGi base driver. The driver registers an OSGi service object for every configured X10 device. This OSGi service provides possibilities for getting info about the X10 device, executing commands to specific X10 device like switch on, switch off, executing group command to a set of X10 devices, addressing a X10 device etc. The driver is implemented on top of the Port Interface Communication Package. The X10 controller accessed through serial port is CM11A.

Control Units Support

The X10 base driver has a special implementation that represents X10 devices as Control Units. The Control Unit model allows the representation of different device networks in a standard and simple manner. It facilitates the automation and

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If you have any further questions, we will be happy to assist. Please contact us via info@prosyst.com or visit our Developer Zone at dz.prosyst.com.