

## pure.box

### Ready-to-use web server for DIN rail mounting

#### pure.box, general

##### Install the cross-compiler

To be able to run your own C/C++ programs on the pure.box you need a cross-compiler. This can be quickly installed on a Linux system

##### Data polling with PHP

Access other terminal devices in the network via PHP for the purpose of data polling

##### Simple TCP echo server

Accept data received via TCP using PHP and return it to the data source

##### Store in SQLite database

Use COM-Server to send scanned barcodes to the pure.box and save them there in an SQLite database

##### Data exchange between pure.box and S7

Create network communication between a pure.box and an S7.

#### Google Go and pure.box

##### Introduction: Why Google Go and pure.box?

Together pure.box and Go form a convenient platform for fast development of solutions from the fields of automation, control and monitoring.

##### First steps in Golang (under Windows)

This manual serves as an introduction to developing individual communication and automation solutions based on ARM-Linux systems in Go.

#### pure.box with a serial interface

##### Use PHP to access the serial port

Application example, how to control a device connected serially to the pure.box, monitor the device or run data logging.

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