


Start page

# Google GO & pure.box

## Automation solutions in Golang on the pure.box

### Here a YouTube video needs to be displayed!

You activate the video function using the following button, whereby you use the provider Google and (at your own risk in terms of data protection ;) share data with it.

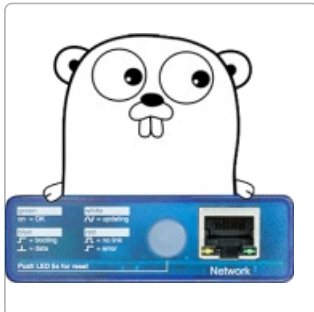
To avoid such extra clicks in the future, try eu-de-bonn@ec.europa.eu (Regional representative of the European Commission in Bonn) or support-de@google.com.

The [pure.box](#) is an industrial communication and automation server for DIN rail mounting. It is set up using a user-friendly Web interface and so is ready to use in just a few moments.

Google's programming language [Go](#) can be learned quickly thanks to the clear syntax. The uncomplicated approach to the concurrent programming, the comprehensive standard library and the native support of many target platforms make Go a powerful tool for developing individual communication and automation applications.

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

### Basic and documentation



#### First steps in Go for Windows users

After installing and setting up GO, this tutorial will show you how to create a simple Hello, World for the pure.box.

#### First steps in Go for Linux users

Installation and setup and Hello, World - on a Linux operating system.

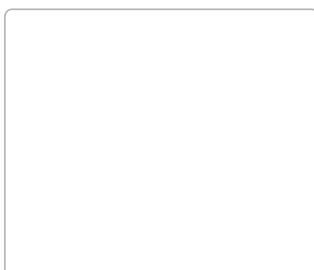
#### Gorientation

The Interactive Tour of Go, the online documentation and involved community provide orientation in the Go universe.


#### Become productive

Test-Drive Development (TDD) in the free LiteIDE: This tutorial explains daily work with Go.

### Product overview: pure.box



This communication and automation server for DIN rail mounting runs your application directly in the field. The ARM-Linux system with the low energy consumption is set up using a user-friendly Web interface and is ready to use in minutes.

		
<p>pure.box</p> <ul style="list-style-type: none"> <li>10/100BaseT Ethernet</li> </ul>	<p>pure.box Serial</p> <ul style="list-style-type: none"> <li>10/100BaseT Ethernet</li> <li>Serial Interface</li> </ul>	<p>pure.box USB</p> <ul style="list-style-type: none"> <li>10/100BaseT Ethernet</li> <li>USB Interface</li> </ul>
<p>pure.box Serial / USB</p> <ul style="list-style-type: none"> <li>10/100BaseT Ethernet</li> <li>Serial Interface</li> <li>USB Interface</li> </ul>	<p>] Serial / USB / WLAN</p> <ul style="list-style-type: none"> <li>10/100BaseT Ethernet</li> <li>Serial Interface</li> <li>USB Interface</li> <li>WLAN</li> </ul>	<p>pure.box SD</p> <ul style="list-style-type: none"> <li>10/100BaseT Ethernet</li> <li>SD card slot</li> </ul>

## Become active!

<p>Try it out</p> <p>We will be happy to provide you with a pure.box for 30 days at no charge:</p> <p><input type="button" value="Test now!"/></p>	<p>Ask for help</p> <p>If you can't seem to find the solution to your problem, try calling:</p> <p>Patrick Knabe Phone: +49 202/2680-110</p>	<p>Have someone develop for you</p> <p>We would be pleased to put you in touch with a dedicated developer from our partner network.</p> <p>Patrick Knabe Phone: +49 202/2680-110</p>
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