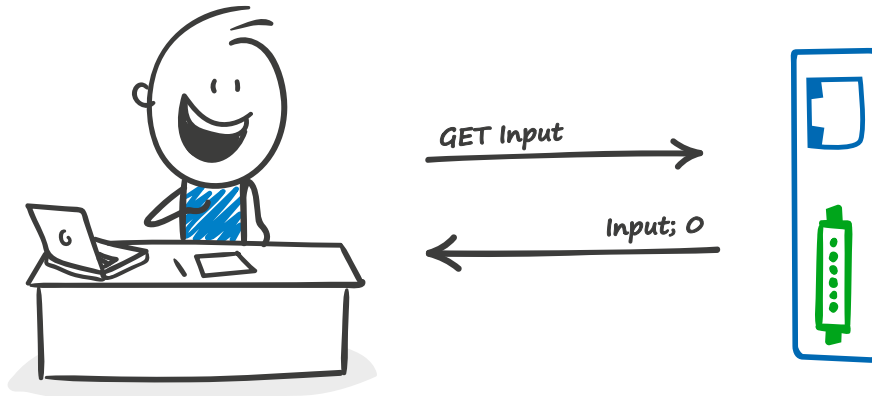


Topic:

# Programming Web-IO applications

Monitoring, processing and setting IO signals in your own application.



Anyone confronted with smaller or larger automation tasks using their own application will find the ideal prerequisites with our Web-IO products.

The Web-API and the Socket-API in our Web-IO products enables easy access from nearly any high level language (C, C#, C++, VB, VB.net, Java, Delphi, Python, PHP, JavaScript and many more).

Querying and controlling the IOs can be done either using readable commands (Web-API and ASCII sockets) or binary structures (BINARY sockets). Access is simply but highly performant and requires no additional drivers or DLLs.

For socket access either TCP or UDP can be used. With Web-API, HTTP-/HTTPS requests are employed.

## Go deeper

### Access via the Web-API

Query and control IOs with HTTP requests

### ASCII socket access

Access IOs using readable commands via TCP or UDP.

### Binary socket access

Access IOs by exchanging binary structures via TCP or UDP

## Tutorials

### Simple web page for uploading to the Web-IO

Dynamically poll IOs with JavaScript and AJAX and display them

### Accessing a Web-IO with PHP

PHP script as IO gateway for Web-IO

### Visual Basic.Net

TCP-ASCII client for Web-IO Digital 4.0

### Delphi

TCP-ASCII client  
for Web-IO Digital 4.0

### Visual C#

TCP-ASCII client  
for Web-IO Digital 4.0

### Visual C#

TCP binary client  
for Web-IO Digital 4.0

## Products



Web-IO 4.0 Digital  
2xIn, 2xOut

Power via PoE also when needed



Web-IO 4.0 Digital  
12xIn, 12xOut

12x outputs (6-30V),  
12x inputs (8-30V)



Other Web-IOs

All W&T Web-IO Digital 24V



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