



HTTP Client Example

With the function block “HTTP Client”, http requests, as well as the resulting responses, can be exchanged between a CODESYS controller and a web server.

Product description

The CODESYS software package includes a library with a function block for communicating with a web server via HTTP.

- When using http-GET, data is requested from a web server.
- When using http-POST or http-PUT, data is submitted from the controller to a web server.
- When using http-DELETE, data is deleted on a web server.
- When using http-HEAD, http-Header is requested from a web server.

The HTTP header of a request can be extended without any restrictions. The library is included as source code in the CODESYS package.

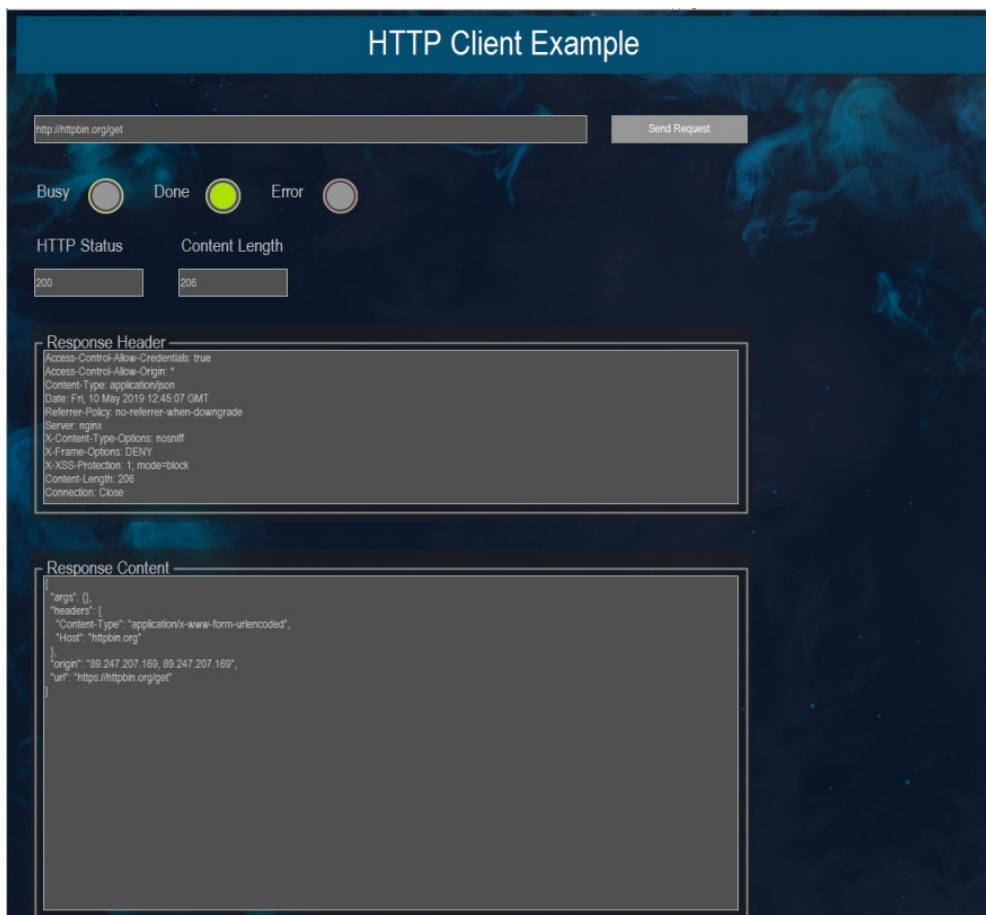
More information

Function block “HTTPClient”

Function block for sending http requests. The sample project HTTPClient.project illustrates how this function block is used.

Function “URLDecoder”

Function for coding and decoding URLs (percent encoding).



Screenshot: HTTP Client visualization in the CODESYS Development System

General information

Manufacturer:

3S-Smart Software Solutions GmbH
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 Germany

Support:

<https://support.codesys.com>

Item:

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Item number:

000075

Sales:

CODESYS Store

<https://store.codesys.com>

Included in delivery:

- Library "HTTPClient.library" incl. source code
- Sample project "HTTPClient.project"

System requirements and restrictions

Programming System	CODESYS Development System V3.5.9.0 or higher
Runtime System	CODESYS Control V3.5.9.0 or higher
	All platforms of the CODESYS Runtime environment
Supported Platforms/ Devices	Note: Use the project "Device Reader" to find out the supported features of your device. "Device Reader" is available for free in the CODESYS Store.
Additional Requirements	-
Restrictions	-
Licensing	No license required
Required Accessories	-

Note: Not all CODESYS features are available in all territories. For more information on geographic restrictions, please contact sales@codesys.com.

Note: Technical specifications are subject to change. Errors and omissions excepted. The content of the current online version of this document applies.