

## History

2026/02/12 First version

## Introduction

A text list is a predefined collection of texts that are assigned a variable value (usually a number). This allows the user to transmit a numerical value to the PLC via a descriptive text.

Many HMIs use the same text list multiple times. If the same text list is needed in multiple widgets in WebIQ, the programmer must re-enter it each time. This presents the following problems:

- Unnecessary multiple expenditure of time
- If the list changes, it must be updated multiple times.
- The lists can differ due to input errors.
- The WebIQ GUI for editing the text lists is confusing and cumbersome to use.

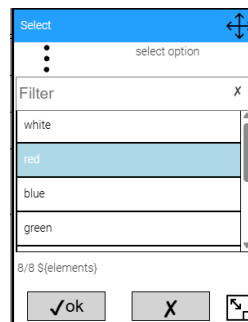
The cx-select widget from Bosch Rexroth does not have these disadvantages. It is designed with practical application in mind and provides these features:

- global text list support (a text list is defined globally and referenced by its name)
- dynamic text lists that can be generated by the PLC as text and JSON strings.
- Pull down list and dialog window with filter option
- Text lists are managed centrally and can be edited via an easy-to-use GUI.

The text list manager is a graphical user interface for creating these static text lists, which can also contain images. Since the text lists are stored as JSON objects, they can also be modified at runtime using JavaScript.



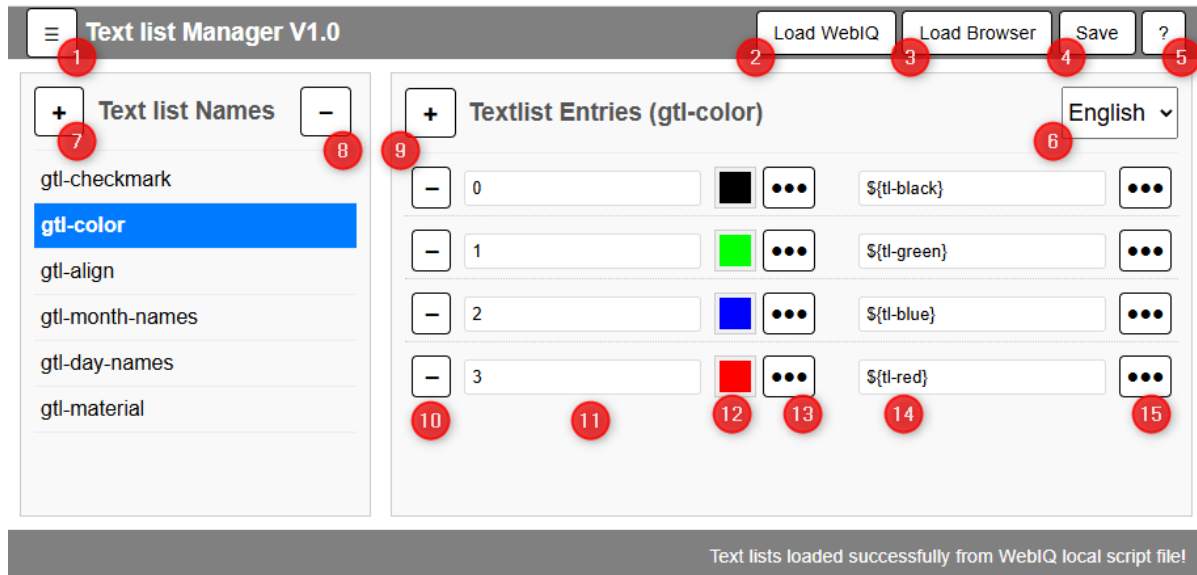
cx-select as pull down/pull up (text & image)



cx-select as dialog (text only)

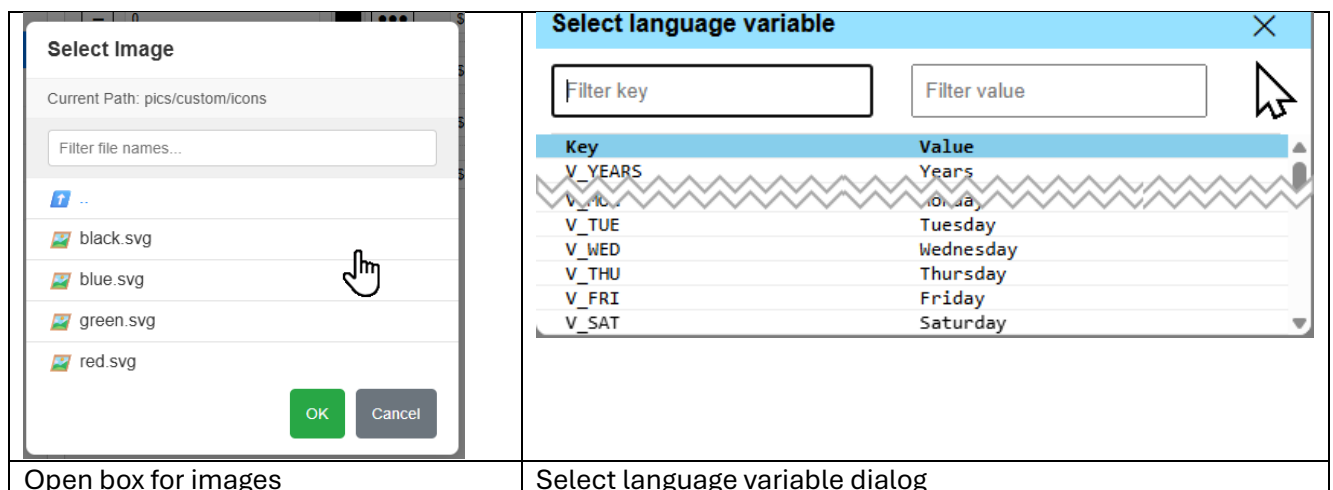
## Usage

1. In WebIQ create a local script with the name `cfg_textlist`.
2. Clear content of `cfg_textlist`.
3. Since WebIQ does not offer a function for saving data, you must manually copy the text list into WebIQ.
4. Button "Save" copies the text lists to Windows clipboard and browsers storage.
5. They can then be easily pasted (Ctrl+V) into the local script `cfg_textlist` of WebIQ.



(1)	Return to Add-On main menu	(9)	Add text list entry
(2)	Load text lists from WebIQ file	(10)	Remove text list entry
(3)	Load text lists from browser storage	(11)	Input for text list entry value
(4)	Save text lists to Windows clipboard and browser storage	(12)	Image of text list. Click to remove
(5)	Display help pdf	(13)	Assign text list image
(6)	Select language for language variables	(14)	Input for text list entry label
(7)	Add a new text list	(15)	Open dialog for selecting language variable
(8)	Remove selected text list		

Screen shoot of GUI



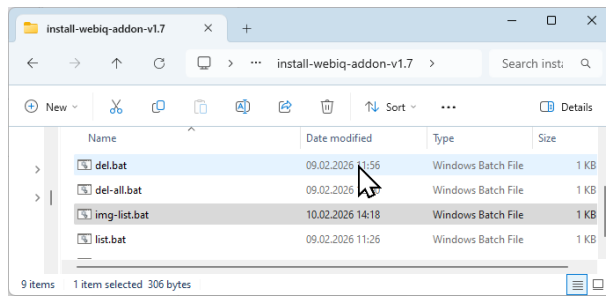
Open box for images

Select language variable dialog

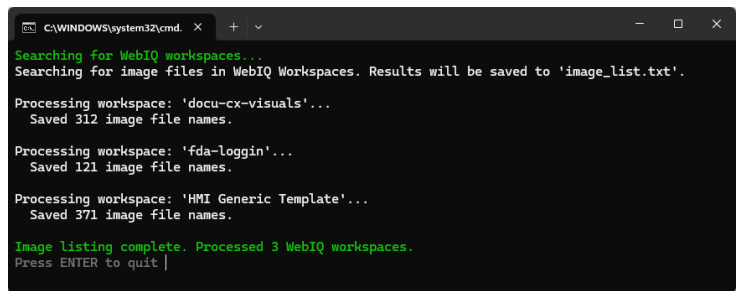
## Add On: Text list Manager

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HINT: To enable browsing within the add-on, the images contained in the project, the batch file **img-list.bat** must be started after adding and deleting images.



Run img-list.bat



Screen shoot of img-list.bat