

Kategorie/Thema	Beschreibung	Beispiel-Dateien: DSB, py
Dialog, User Interface Kanaltypen, Kanalflags	This script module show the available controls for the configuration dialog. Change DASYLab's channel flags and channel type.	example_scriptmodule__all_dialog_controls example_scriptmodule__change_channelflags_and_channeltype_(flagbender)
Kanalrelation	The script module demonstrates the implementation of channel relation 1-to-1. For each input exists one output.	example_scriptmodule__channelrelation_1_1
Kanalrelation	The script module demonstrates the implementation of channel relation 1-to-n. The module has one input only, but an arbitrary amount of outputs.	example_scriptmodule__channelrelation_1_n
Kanalrelation	The script module demonstrates the implementation of channel relation 2-to-1. For each output exist 2 inputs.	example_scriptmodule__channelrelation_2_1
Kanalrelation	The script module demonstrates the implementation of channel relation M-to-N. For each input exist 3 outputs.	example_scriptmodule__channelrelation_m_n
Kanalflag "Short Block"	The script module removes half of the values from a received block. The output block is not fully filled. Therefore, the channel flag "Short Blocks" is set.	example_scriptmodule__cutout_(shortblocks)
Mathematik	The script module calculates the MIN and MAX values for the Graph's y-scale using DIN scaling. Calculated values are written to DASYLab variables 1 and 2.	example_scriptmodule__DIN_scaling_(1_2_5_10_20_50_100)
Mathematik	The script module searches for the maximum value of received blocks. Multiplex makes 1 block of size 5 from 5 blocks of size 1. Use the slider to make a value in the block the maximum.	example_scriptmodule__reduce_blocksize_to_1_timestamp_of_maximum
Mathematik	The script module calculates Arc tangent for values x and y. Function atan2 (y, x) of Python library "math" is used.	example_scriptmodule__arctangent_atan2
Zugriff auf globale DASYLab-Variablen	The script module read values from global variables and outputs the values. On the channel tab, select the variable to read from. On the module tab, select a DASYLab time base, to set sample rate and block size.	example_scriptmodule__read_data_from_global_variable
Zugriff auf globale DASYLab-Variablen	The script module writes the received data into a global variable. In the script module's channel tab, select the number of the variable to write to.	example_scriptmodule__write_data_to_global_variable
Zugriff auf globale DASYLab-Variablen	The script module checks a string's content. If the text is a valid Windows file name the result is True, and False otherwise. A colon, for example, is not allowed in a Windows file name.	example_scriptmodule__check_if_globalstring_is_a_valid_windows_filename
Zugriff auf globale DASYLab-Variablen	Converts a number (String SOURCE, ASCII text!) to binary representation (DESTINATION). Variables 1-32 match the "bit position" in string DESTINATION, and are set to 0/5, respectively.	example_scriptmodule__text_number_to_binary
Fortgeschritten	The script module controls the mouse cursor by calling functions GetCursorPos() and SetCursorPos() from Windows' USER32.DLL.	example_scriptmodule__call_function_in_DLL_(move_mouse_cursor)
Fortgeschritten	The script module uses the Microsoft Speech API (SAPI) that is part of the Windows operating system.	example_scriptmodule__DASYtalk
Fortgeschritten	The script module uses ActiveX technology to write data to an Excel sheet. At least MS Excel 2003 needs to be installed on the PC!	example_scriptmodule__write_data_to_excelsheet_via_activex
Fortgeschritten	The script module adds a time base to DASYLab.	example_scriptmodule__module_datasource_offer_own_timebase