Example project: Table and array operations

Contents

1 Overview

In this project it is shown how to use the table object. It also shows different JavaScript array operations.

2 Details of the project

Table objects are always filled with arrays. The array structure has to be the same as the table structure. All modifications on the table data are done on JavaScript arrays.

2.1 Scripts

2.1.1 Init.js

This script is running on the event OnProjektInit. It sets clears all table data and empties the array.

2.1.2 add_line.js

This script is running on the event OnRelease of the according softkey. It takes the current real time clock data, puts them together in one String, reads the current table data into an array, adds a new line at the bottom with the current timestamp and puts the array back into the table.

2.1.3 add_line_top.js

This script is running on the event OnRelease of the according softkey. It takes the current real time clock data, puts them together in one String, reads the current table data into an array, adds a new line at the top with the current timestamp and puts the array back into the table.

2.1.4 remove_line_from_bottom.js

This script is running on the event OnRelease of the according softkey. It takes the current table data into an array, removes one line from the bottom by using the JavaScript array method .pop() and puts the data back into the table.

2.1.5 remove_line_from_top.js

This script is running on the event OnRelease of the according softkey. It takes the current table data into an array, removes one line from the top by using the JavaScript array method .shift() and puts the data back into the table.

2.1.6 reverse_order.js

This script is running on the event OnRelease of the according softkey. It takes the current table data into an array, reverses the content by using the JavaScript array method .reverse() and puts the data back into the table.

2.1.7 sort_alphabetically.js

This script is running on the event OnRelease of the according softkey. It takes the current table data into an array, sorts the content alphabetically by using the JavaScript array method .sort() and puts the data back into the table.

2.1.8 clear_table.js

This script is running on the event OnRelease of the according softkey. It creates a new empty data array and puts it into the table, clearing all content visible before.