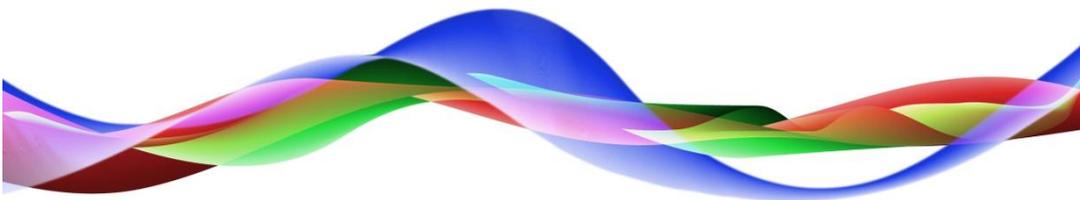


09 Storage Groups

vsmStudio

Manual



Copyright

All rights reserved. Permission to reprint or electronically reproduce any document or graphic in whole or in part for any reason is expressly prohibited, unless prior written consent is obtained from L-S-B GmbH. All entries in this document have been thoroughly checked; however no guarantee for correctness can be given.

L-S-B GmbH cannot be held responsible for any misleading or incorrect information provided throughout this manual.

L-S-B GmbH reserves the right to change specifications at any time without notice.

© L-S-B Broadcast Technologies GmbH, Juni 2011

Gustav-Stresemann-Str. 8

D-55411 Bingen

www.l-s-b.de

Content

- 1 Storage Content Window..... 4
- 2 New Storage Group..... 5
- 3 New Storage Disc..... 6
- 4 New Subgroup 6
- 5 Deleting and Exporting Storage Groups 7
 - 5.1 Deleting Storage Groups..... 7
 - 5.2 Exporting storage groups 8
- 6 Adding Storage Content 8
 - 6.1 Signal Paths..... 8
 - 6.2 GP-I/Os.....10
 - 6.3 Gadget Parameter.....10
- 7 Saving and Loading Storage Groups and Storage Discs11
 - 7.1 Saving through the Storage Group11
 - 7.2 Loading through the Storage Group12
- 8 View of the Storage Disc after Saving and Loading13
 - 8.1 Signal Paths.....13
 - 8.2 GP-I/Os.....13
 - 8.3 Gadget Parameter.....14
- 9 Deleting Content from Storage Groups.....14

Storage Groups can be used to save and load defined presets. These settings can contain signal paths (see chapter 5), GP-I/Os (see chapter 15), and gadget parameters (see chapter 10 Gadgets)

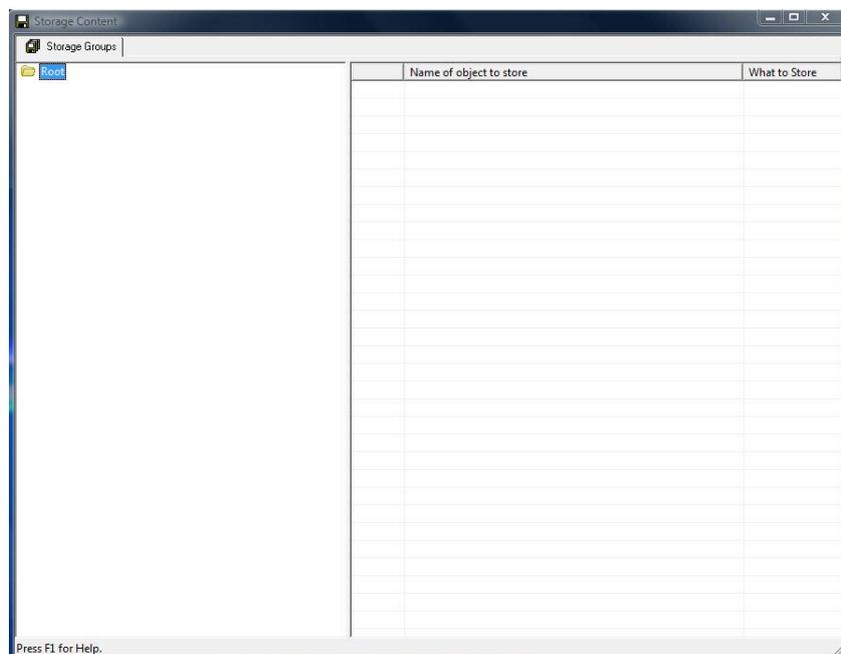


Opening storage groups

The function *Storage Groups* can be accessed via the folder symbol in the main menu.

1 Storage Content Window

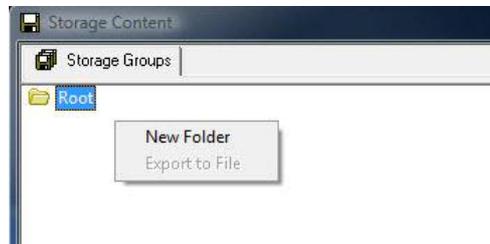
The *Storage Content Window* is divided into two parts: the left half displays storage groups and storage discs, while saved content (signal paths, gadget parameters, and GP-I/Os) is shown on the right. By default, this folder is empty except for the *Root* folder.



Storage Content window

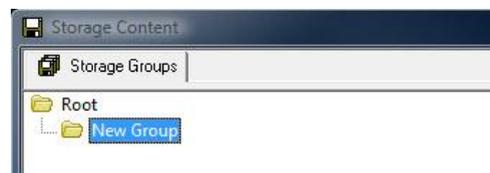
2 New Storage Group

Right-click into the right field of the Storage Content Window to open the menu shown below:



New storage group

Select the option *New Group* to create a new storage group. A new entry (*New Group*) will appear on the left side.



New storage group

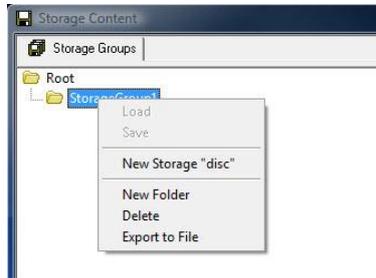
The name of the storage group can be changed by left-clicking onto *New Group*.



Renaming a storage group

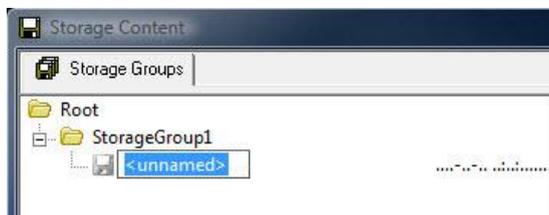
3 New Storage Disc

A right-click on *StorageGroup1* will open the menu shown below:



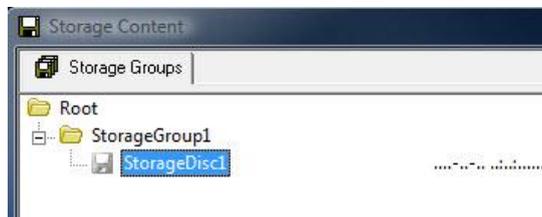
New storage disc

This menu allows the creation of a storage disc.



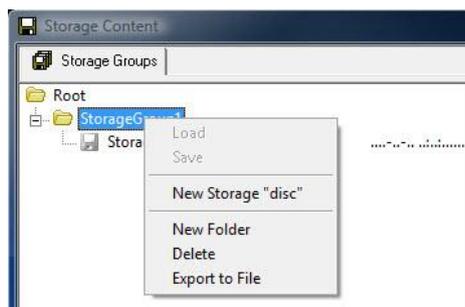
Renaming a storage disc

The name of the storage disc can be changed by left-clicking *<unnamed>*.



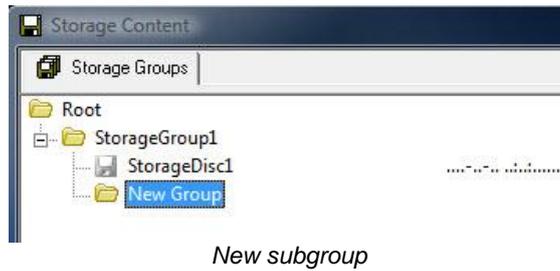
Storage content window with memory group and storage disc

4 New Subgroup

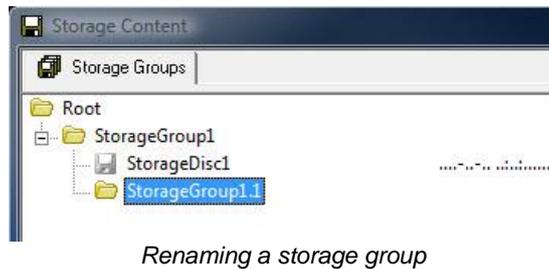


New subgroup

Right-click onto the created storage group to create a subfolder under *StorageGroup1*.



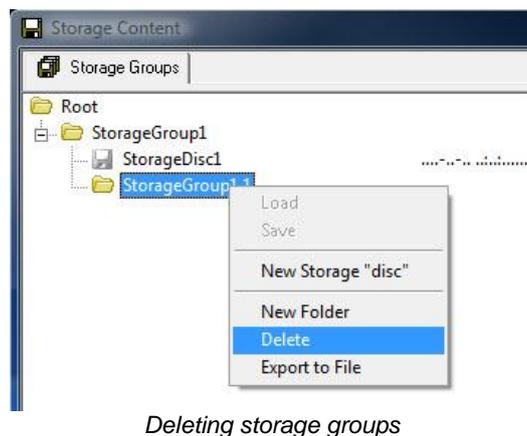
Left-click onto *New Group* to change the name of the corresponding storage group.



5 Deleting and Exporting Storage Groups

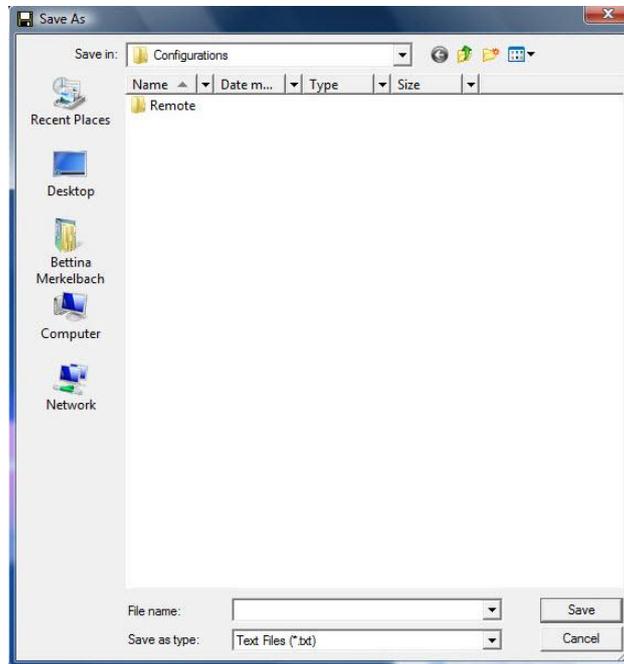
5.1 Deleting Storage Groups

Right-click onto the relevant storage group and select the option *Delete* to delete it.



5.2 Exporting storage groups

Selecting the option *Export to File* will prompt the opening of a new explorer window. It is used to define a destination to which the folder with all its contents will be saved as a .txt file.



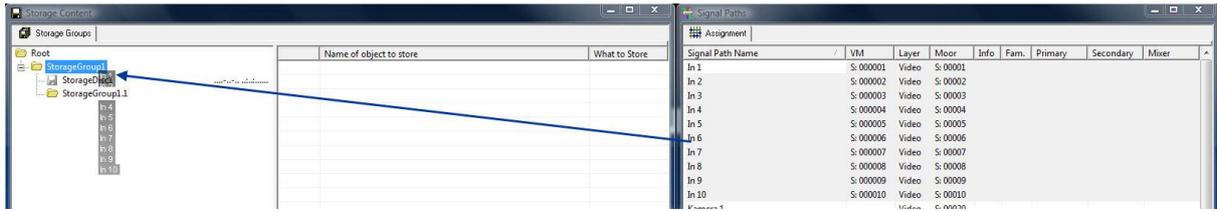
Exporting storage groups

6 Adding Storage Content

All contents that can be loaded and saved in the storage groups can be added to the relevant storage group using drag and drop.

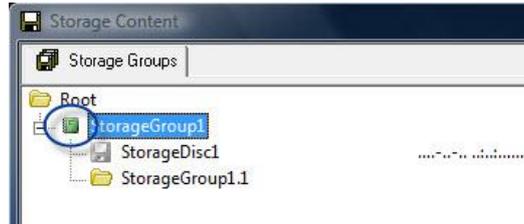
6.1 Signal Paths

Signal paths (see chapter 5) can be assigned to the storage group from the signal path list (see chapter 5.1), the master matrix (see chapter 6), or from one of the views (see chapter 7).



Dragging signal paths from the signal path list into a storage group

The symbol of a storage group changes as soon as content is assigned to it.



Symbol for a storage group with content

The right side of the storage content window will look as shown below after signals have been assigned to it:

	Name of object to store	What to Store
0001	In 1	Connection
0002	In 2	Connection
0003	In 3	Connection
0004	In 4	Connection
0005	In 5	Connection
0006	In 6	Connection
0007	In 7	Connection
0008	In 8	Connection
0009	In 9	Connection
0010	In 10	Connection
0011	Out 1	Connection
0012	Out 2	Connection
0013	Out 3	Connection
0014	Out 4	Connection
0015	Out 5	Connection
0016	Out 6	Connection
0017	Out 7	Connection
0018	Out 8	Connection
0019	Out 9	Connection
0020	Out 10	Connection

Saved signal paths

This window shows the numbered, assigned signal paths and the actual storage content.

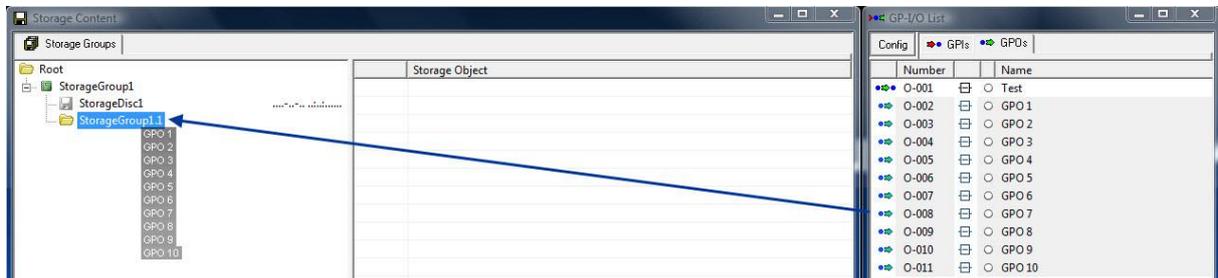


Selection of storage group content

For signal paths, it is possible to choose between crosspoint (*Connection*) and label using a drop down menu. For input signals, only the label can be saved.

6.2 GP-I/Os

GP-I/Os (see chapter 15) can be assigned to a storage group from the GP-I/O list.



Dragging GPOs from the GP-I/O list into a storage group

After the addition of GP-I/Os, the right side of the window looks as shown below:

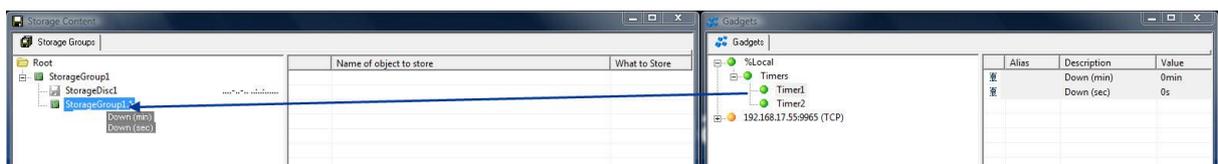
	Name of object to store	What to Store
0001	GPO 1	State
0002	GPO 2	State
0003	GPO 3	State
0004	GPO 4	State
0005	GPO 5	State
0006	GPO 6	State
0007	GPO 7	State
0008	GPO 8	State
0009	GPO 9	State
0010	GPO 10	State

GPOs as storage group content

Here, the assigned GP-I/Os are numbered, and the GP-I/O state is shown as storage content.

6.3 Gadget Parameter

Gadget parameters (see chapter 10 Gadgets) can only be assigned to a storage group from the gadget list (see chapter 10.2.1 Gadget View).



Dragging gadget parameters from the gadget list into a storage group

The right side of the storage content window looks as shown below after the addition of gadget parameters:

0010	GPO 10	State
0011	Down (min)	Value
0012	Down (sec)	Value
0013	Down (min)	Value
0014	Down (sec)	Value

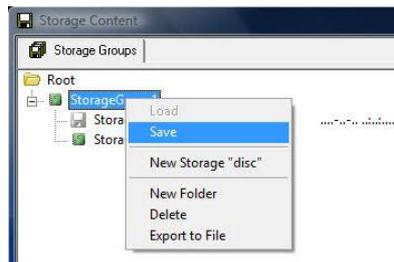
Gadget parameters as storage group content

The numbers and names of assigned gadget parameters as well as the information that a *Value* is saved is shown here.

7 Saving and Loading Storage Groups and Storage Discs

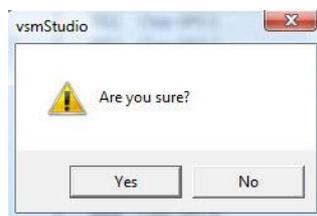
7.1 Saving through the Storage Group

Right-click onto the relevant storage group and select the option *Save* from the drop down menu to save already assigned crosspoints, GP-I/O states, or gadget parameter values.



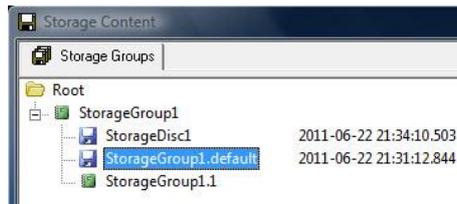
Saving content

Subsequently, a new window opens requesting the confirmation for the save. Select *Yes* to finish the saving process (if *No* is selected, the changes will not be saved).



Saving confirmation prompt

If the storage group is overwritten, a new storage disc with the ending *.default* is created by default.

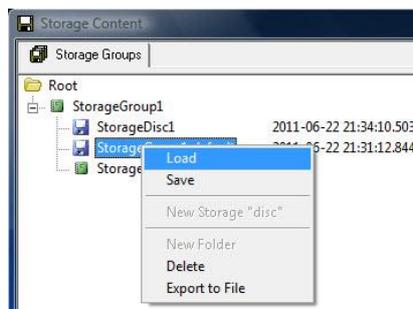


Saved storage group .default

Date and time of the last change are indicated after the storage groups. If a created storage disc is overwritten, no new storage disc is created.

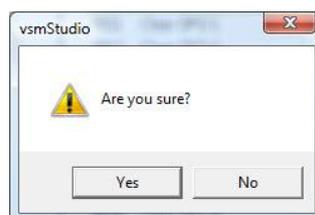
7.2 Loading through the Storage Group

To load previously saved crosspoints, GP-I/O states, or gadget parameter values, right-click onto the relevant storage group. The following menu will open:



Loading a storage group

Selecting *Load* will prompt a query asking for confirmation to load.



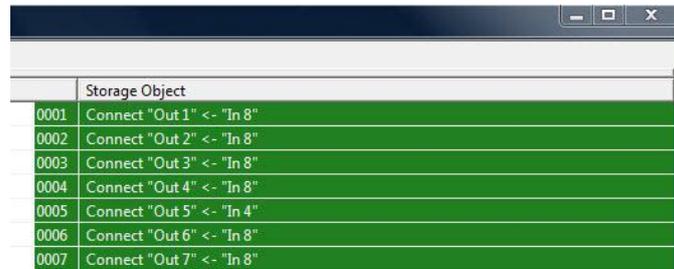
Loading confirmation prompt

To load the changes, select *Yes*. If *No* is chosen, the changes will not be loaded. The state of the storage disc with the *.default* ending will be loaded.

8 View of the Storage Disc after Saving and Loading

8.1 Signal Paths

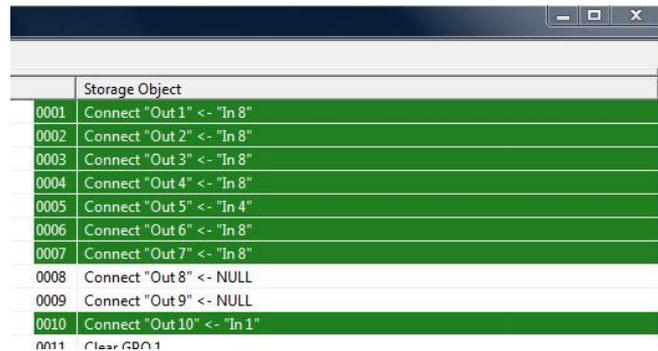
If signal paths (see chapter 9.6.1) have been saved and the storage disc is selected, the right side of the window looks as follows:



	Storage Object
0001	Connect "Out 1" <- "In 8"
0002	Connect "Out 2" <- "In 8"
0003	Connect "Out 3" <- "In 8"
0004	Connect "Out 4" <- "In 8"
0005	Connect "Out 5" <- "In 4"
0006	Connect "Out 6" <- "In 8"
0007	Connect "Out 7" <- "In 8"

Loaded crosspoints

All saved crosspoints are indicated with a green background. The view shows which output is connected to which input. Saved labels are treated somewhat differently: they are not indicated by a green background. If a crosspoint switch does not have a green background, the switch was not executed.



	Storage Object
0001	Connect "Out 1" <- "In 8"
0002	Connect "Out 2" <- "In 8"
0003	Connect "Out 3" <- "In 8"
0004	Connect "Out 4" <- "In 8"
0005	Connect "Out 5" <- "In 4"
0006	Connect "Out 6" <- "In 8"
0007	Connect "Out 7" <- "In 8"
0008	Connect "Out 8" <- NULL
0009	Connect "Out 9" <- NULL
0010	Connect "Out 10" <- "In 1"
0011	Clear GPO 1

Labels and non-executed crosspoint switches do not have a green background

8.2 GP-I/Os

If GP-I/Os (see chapter 9.6.2) have been saved, the right side of the window looks as follows when the storage disc is selected:

	Storage Object
0001	Set GPO 1
0002	Set GPO 2
0003	Set GPO 3
0004	Set GPO 4
0005	Set GPO 5
0006	Set GPO 6
0007	Set GPO 7
0008	Set GPO 8
0009	Set GPO 9
0010	Set GPO 10
0011	Set Down (min) @ T00003e9d to 0

Loaded GP-I/Os

Like labels, GP-I/Os are not shown with a green background. However, an indicator in front of the GP-I/O names specifies whether they are set or reset.

8.3 Gadget Parameter

If gadget parameters (see chapter 9.6.3) were saved and the storage disc is selected, the right side of the window will look as follows:

0011	Set Down (min) @ T00003e9d to 0
0012	Set Down (sec) @ T00003e9d to 0
0013	Set Down (min) @ T00003e9f to 0
0014	Set Down (sec) @ T00003e9f to 0

Loaded gadget parameter values

Gadget parameter values are not shown with a green background after having been saved. The value set for each gadget parameter is shown in front of the gadget parameter name.

9 Deleting Content from Storage Groups

If a signal path, GP-I/O, or a gadget parameter is no longer needed, storage group contents can be deleted in two ways: a single element can be deleted from the storage group by right-clicking on it and selecting the function *Delete Selected*.

0011	Set Down (min) @ T00003e9d to 0
0012	Set Down (sec) @ T00003e9d to 0
0013	Set Down (min) @ T00003e9f to 0
0014	Set Down (sec) @ T00003e9f to 0

Deleting storage group contents

Alternatively, the relevant function can also be deleted by pressing *Ctrl+X*.



Telephone: +49 (6721) 98817-0
Telefax: +49 (6721) 98817-66
E-Mail Support: support@l-s-b.de
E-Mail Service: service@l-s-b.de
E-Mail other: webinfo@l-s-b.de