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StorageWorks

1.0

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Chapter 1

StorageWorks

Easy work with MoSync storages.

This project was created to simplify work with MoSync storages.

It provides class to create, read, write, remove storages.

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

StorageWorks	
Class to maintain MoSync storages	7

Chapter 3

File Index

3.1 File List

Here is a list of all files with brief descriptions:

StorageWorks.cpp	11
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Contains StorageWorks class	11

Chapter 4

Class Documentation

4.1 StorageWorks Class Reference

Class to maintain MoSync storages.

```
#include <StorageWorks.h>
```

Public Member Functions

- [StorageWorks](#) (const String s="store01", NativeUI::Label *l=NULL)
Constructor.
- void [setDbgLabel](#) (NativeUI::Label *l=NULL)
Set NativeUI label for debug messages.
- void [setStoreName](#) (const String [storageName](#))
Set storage name.
- void [test](#) ()
Prints hello message with version.
- String [getName](#) ()
Returns name of storage.
- bool [exists](#) ()
Return true if current storage exists on device.
- int [write](#) (const String data)
Write data to storage.
- String [read](#) ()
Read data from storage on device.
- void [rm](#) ()
Remove storage from device.

Private Member Functions

- void [dbgLb](#) (const String message)
Function to print debug messages.
- void [closeStorage](#) ()
Close storage.
- bool [createStorage](#) ()
Create new storage.

Private Attributes

- MAHandle [storage](#)
Handle of storage.
- String [storageName](#)
Name of storage.
- NativeUI::Label * [ldbDbg](#)
NativeUI label for debug purposes.

4.1.1 Detailed Description

Class to maintain MoSync storages.

Helps to create, remove, read, write storages.

Version

1.0

4.1.2 Constructor & Destructor Documentation

4.1.2.1 StorageWorks::StorageWorks (const String *s* = "store01", NativeUI::Label * *l* = NULL)

Constructor.

Parameters

<i>s</i>	Default storage name.
<i>l</i>	Pointer to label for debug.

4.1.3 Member Function Documentation

4.1.3.1 void StorageWorks::closeStorage () [private]

Close storage.

4.1.3.2 bool StorageWorks::createStorage () [private]

Create new storage.

Returns

Result of operation.

4.1.3.3 void StorageWorks::dbgLb (const String *message*) [private]

Function to print debug messages.

Parameters

<i>message</i>	Debug message.
----------------	----------------

4.1.3.4 bool StorageWorks::exists ()

Return *true* if current storage exists on device.

Returns

Existence flag.

4.1.3.5 String StorageWorks::getName ()

Returns name of storage.

Returns

Storage name.

4.1.3.6 String StorageWorks::read ()

Read data from storage on device.

Returns

Data from storage.

4.1.3.7 void StorageWorks::rm ()

Remove storage from device.

4.1.3.8 void StorageWorks::setDbgLabel (NativeUI::Label * *l* = *NULL*)

Set NativeUI label for debug messages.

Note

If *l* is *NULL* debug messages will be printed in console.

Parameters

	/	Pointer to label.
--	---	-------------------

4.1.3.9 void StorageWorks::setStoreName (const String *storageName*)

Set storage name.

Parameters

<i>storageName</i>	Storage name.
--------------------	---------------

4.1.3.10 void StorageWorks::test ()

Prints hello message with version.

4.1.3.11 int StorageWorks::write (const String *data*)

Write data to storage.

Parameters

<i>data</i>	Data to write.
-------------	----------------

Returns

**** -1 **** if errors, **0** normal

4.1.4 Member Data Documentation

4.1.4.1 NativeUI::Label* StorageWorks::lbDbg [private]

NativeUI label for debug purposes.

Note

if it is NULL as default, debug messages will flow to console

4.1.4.2 MAHandle StorageWorks::storage [private]

Handle of storage.

4.1.4.3 String StorageWorks::storageName [private]

Name of storage.

The documentation for this class was generated from the following files:

- [StorageWorks.h](#)
- [StorageWorks.cpp](#)

Chapter 5

File Documentation

5.1 Doxyfile.dox File Reference

5.2 StorageWorks.cpp File Reference

```
#include "StorageWorks.h"
```

5.3 StorageWorks.h File Reference

Contains [StorageWorks](#) class.

```
#include <ma.h>
#include <MAUtil/String.h>
#include <NativeUI/Widgets.h>
#include <conprint.h>
```

Classes

- class [StorageWorks](#)

Class to maintain MoSync storages.

Macros

- #define [VER](#) "1.0"

5.3.1 Detailed Description

Contains [StorageWorks](#) class.

Version

1.0

5.3.2 Macro Definition Documentation

5.3.2.1 #define VER "1.0"

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