AT Command Set

WCDMA_SCRIPT_ATC_V0.04
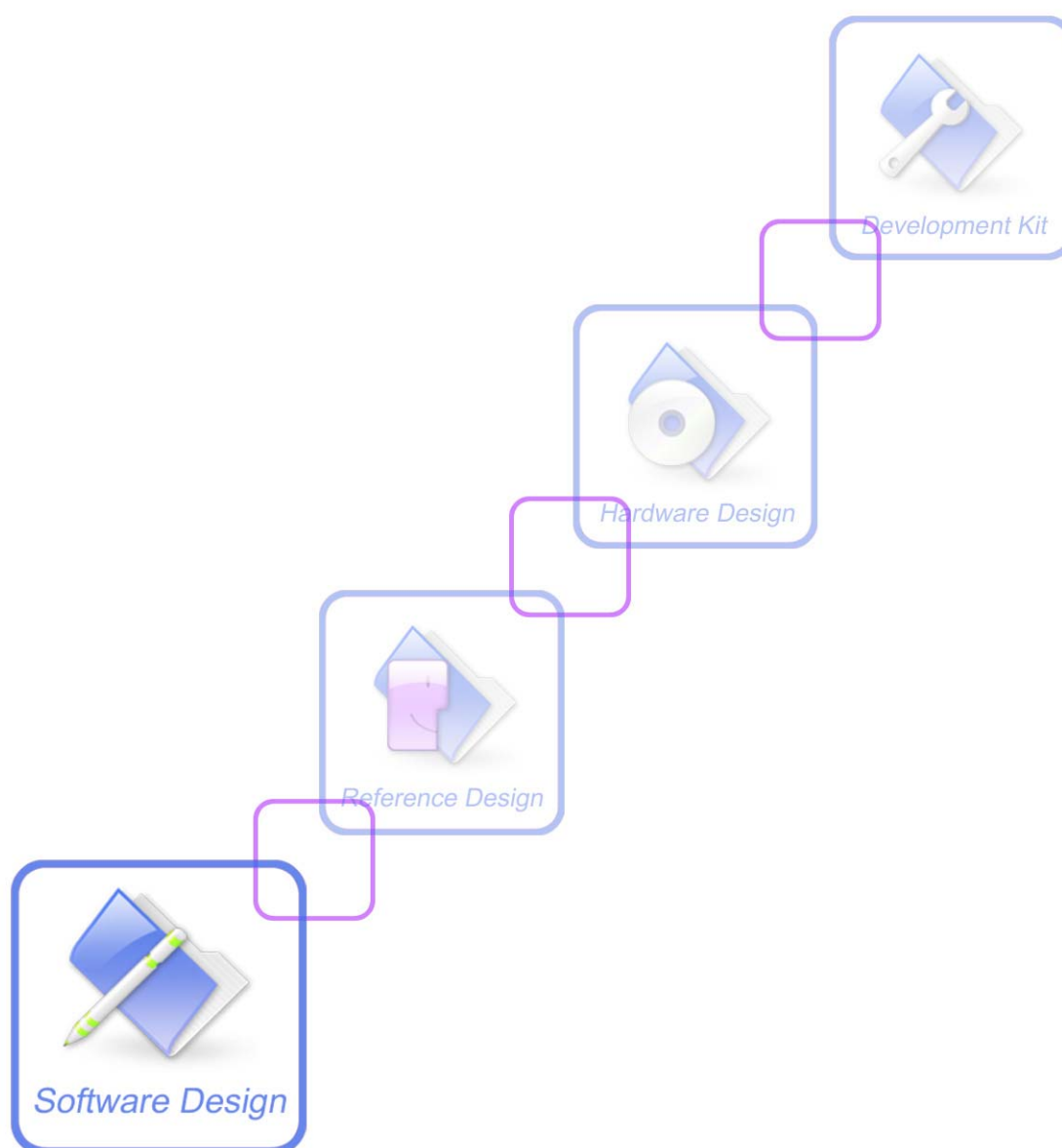
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1. CSCRIPT Commands

1.1 AT+CSCRIPTSTART Start running a LUA script file.

Description

The command is used to start running a LUA script file. The script file must exist in c:\ in the module EFS. This command shouldn't be used by sio LIB in LUA script files.

Syntax

Test Command	Responses
AT+CSCRIPTSTART=?	+CSCRIPTSTART: "FILENAME" OK
Write Command	Responses
AT+CSCRIPTSTART=" <filename>"[, " <reportluaerror> "]	OK +CSCRIPT: 0 ERROR OK +CSCRIPT: <err>

Defined values

<filename>
The script file name.
<reportluaerror>
Whether report the LUA compiling error or running error to TE.
0 – Not report.
1 – Report.
<err>
The error code of running script.

Examples

AT+CSCRIPTSTART="mytest.lua"
OK
+CSCRIPT: 0
AT+CSCRIPTSTART=?
OK

1.2 AT+CSCRIPTSTOP   Stop the current running LUA script.

Description

The command is used to stop the current running LUA script. This command shouldn't be used by sio LIB in LUA script files.

Syntax

Test Command	Responses
AT+CSCRIPTSTOP=?	OK
Read Command	Responses
AT+CSCRIPTSTOP?	+CSCRIPTSTOP: " <filename>"
	OK
Execute Command	Responses
AT+CSCRIPTSTOP	OK
	ERROR

Defined values

<filename>	
The script file name.	

Examples

AT+CSCRIPTSTOP?
+CSCRIPTSTOP: "mytest.lua"
OK
AT+CSCRIPTSTOP=?
OK
AT+CSCRIPTSTOP
OK

1.3 AT+CSCRIPTCL   Compile a LUA script file.

Description

The command is used to compile a LUA script file. The script file must exist in c:\ in the module EFS. This command shouldn't be used by sio LIB in LUA script files. If the AT+CSCRIPTPASS is set, the compiled file will be encrypted.

Syntax

Test Command	Responses

AT+CSCRIPTCL=?	+CSCRIPTCL: ”FILENAME”, ”OUT_FILENAME”
	OK
Write Command	Responses
AT+CSCRIPTCL=”	OK
<filename>”[, ”	+CSCRIPT: 0
<out_filename> ”]	ERROR
	OK
	+CSCRIPT: <err>

Defined values

| <filename> |
| The script file name. |
| <out_filename> |
| The output script file name. If this parameter is empty, the default <out_filename> will be the file name of <filename> with the file extension changed to ".out". |
| <err> |
| The error code of running script. |

Examples

| *AT+CSCRIPTCL=”mytest.lua”* |
| *OK* |
| *+CSCRIPT: 0* |
| *AT+CSCRIPTCL=?* |
| *+CSCRIPTCL: “FILENAME”, “OUT_FILENAME”* |
| *OK* |

1.4 AT+CSCRIPTPASS   Set the password for +CSCRIPTCL.

Description

The command is used to set the password which will be used for AT+CSCRIPTCL encryption.

Syntax

Write Command	Responses
AT+CSCRIPTCL=”	OK
<old_password>” , ”	ERROR
<new_password> ”	

Defined values

<old_password>	
The old password. *The original password for AT+CSCRIPTCL is empty.*	
<new_password>	
The new password.	

Examples

AT+CSCRIPTPASS="","12345678"	
OK	
AT+CSCRIPTPASS="12345678","123456"	
OK	

1.5 AT+CSCRIPTCMD   Send data to the running LUA script.

Description

The command is used to send data to the running LUA script

Syntax

Test Command	Responses
AT+CSCRIPTCMD=?	+CSCRIPTCMD: *CMD1[,CMD2]* OK
Execute Command	Responses
AT+CSCRIPTCMD=<cmd1>[,<cmd2>]	OK ERROR

Defined values

<cmd1>	
An integer value to be sent as the second parameter of EVENT 31 to running LUA script.	
<cmd2>	
An integer value to be sent as the third parameter of EVENT 31 to running LUA script.	

Examples

AT+CSCRIPTCMD=?	
+CSCRIPTCMD: CMD1[,CMD2]	
OK	
AT+CSCRIPTCMD=23,98	
OK	

2 Unsolicited CSCRIPT Codes

2.1.1 Summary of +CSCRIPT Codes

Code of <err>	Description
0	Success
1	No resource
2	Failed to open the script file
3	Failed to run the script file
4	Failed to compile the script file
5	Virtual machine is busy

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