

Tabelle1

Exit
Terminate session. Keep state of master.

SetTimeout(timeoutSec)
Enables or disables Connection State supervision. Will terminate connection after {timeoutSec} sec without traffic.
<i>Parameters:</i>
timeoutSec n timeout in seconds (default = 30, 0 = disabled)
<i>Return:</i>
timeout= n in seconds

KeepAlive
prevents Connection Timeout

ListDevices
Returns List of found USB FTDI devices
<i>Return:</i>
n Number of devices, list with devices follows
dev0 Only if devices are found
...

OpenSerial(serial)
Open connection to selected FTDI Master by device serial number.
<i>Parameters:</i>
serial number n serial number of device
<i>Return:</i>
connected= [0 1]

OpenList(listId)
Open connection to selected FTDI Master by device list position.
<i>Parameters:</i>
devId n Number in device list, starting with 0
<i>Return:</i>

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connected=	[0 1]	
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Close

Close connection to FTDI Master. Stop Periodic Transfers.

Return:

connected=	[0 1]	
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SetBtrate(bitrate)

Select Btrate

Parameters:

bitrate	n	in baud (default = 500000)
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Return:

bitrate=	n	
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SetSync(sync)

Select SYNC

Parameters:

sync	8 (default)	bit
	32	bit

Return:

sync=	n	
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SetHeader(header)

Select Header format

Parameters:

header	3 (default)	byte header
	4	byte header

Return:

header=	n	
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SetParity(parity)

Select Parity

Parameters:

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parity	0 (default)	Even
	1	Odd
	2	Space
	3	None
<i>Return:</i>		
parity=	n	

SetBreak(break)		
Select Break Length		
<i>Parameters:</i>		
break	x.y	double format (default = 13.5)
<i>Return:</i>		
break=	x.y	

Write(addr, words, data)		
Write {words} data words starting with {addr} with the same {data}. Address will be auto-incremented.		
<i>Parameters:</i>		
addr		write address in decimal or hex
words		number of words in decimal
data		write address in decimal or hex
<i>Return:</i>		
	[0 1]	

Read(addr, words)		
Read {words} data words starting with {addr}. Address will be auto-incremented.		
<i>Parameters:</i>		
addr		write address in decimal or hex
words		number of words in decimal
<i>Return:</i>		
	[0 1]	1: list with read data follows
	data0	
	...	

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Verify(addr, words, mask, expected)		
Verify {words} data words starting with {addr}, checking that {expected} =? (rdata & {mask}). Address will be auto-incremented.		
<i>Parameters:</i>		
addr		write address in decimal or hex
words		number of words in decimal
mask		verify mask in decimal or hex
expected		expected check value in decimal or hex
<i>Return:</i>		
	[0]1]	0: list with read data follows
	data0	
	...	

SetWritePeriodic(addr, data, words)		
Enable periodic write of {words} data words starting with {addr} with the same {data}. Address will be auto-incremented.		
<i>Parameters:</i>		
addr		write address in decimal or hex
words		number of words in decimal (0 = disable)
data		write address in decimal or hex

SetVerifyPeriodic(addr, words, mask, expected)		
Enable periodic verify of {words} data words starting with {addr}, checking that {expected} =? (rdata & {mask}). Address will be auto-incremented.		
<i>Parameters:</i>		
addr		write address in decimal or hex
words		number of words in decimal (0 = disable)
mask		verify mask in decimal or hex
expected		expected check value in decimal or hex

SetPeriodicDelayMs(delay_ms)		
Select Delay in ms between periodic transfers.		
<i>Parameters:</i>		
delay_ms	n	in ms

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<i>Return:</i>		
delay_ms=	n	

StartPeriodic		
Start/Enable configured periodic transfers.		
<i>Return:</i>		
periodic=	[0 1]	

StopPeriodic		
Stop/Disable periodic transfers.		
<i>Return:</i>		
periodic=	[0 1]	

GetStatus		
Returns and clears status flags		
<i>Return:</i>		
com_error=	[0 1]	Any error detected during transfer (readback, response, timeout, ...)
verify_error=	[0 1]	Verify error has occurred.