

DS50 Capture Log

Version: V1.00

Version update record

Serial number	Version	Date	Modification record	Author	Reviewer
1	V1.00	2025-11-25	Initial version	HGJ	

Catalogue

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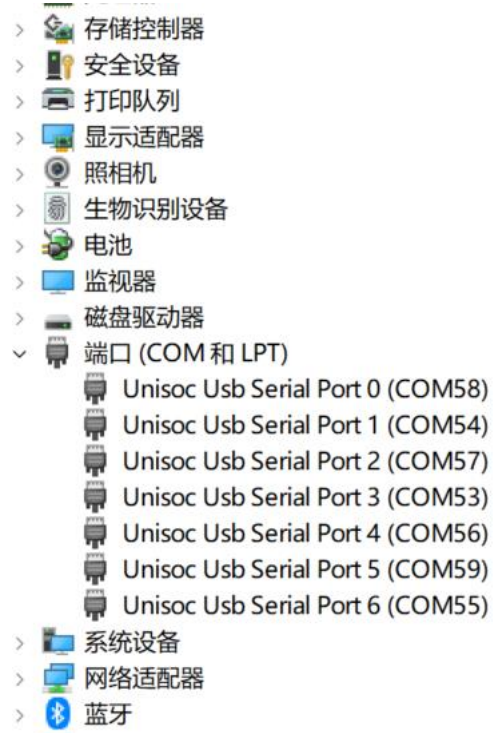
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1 Capture log instructions

1.1. Ap log

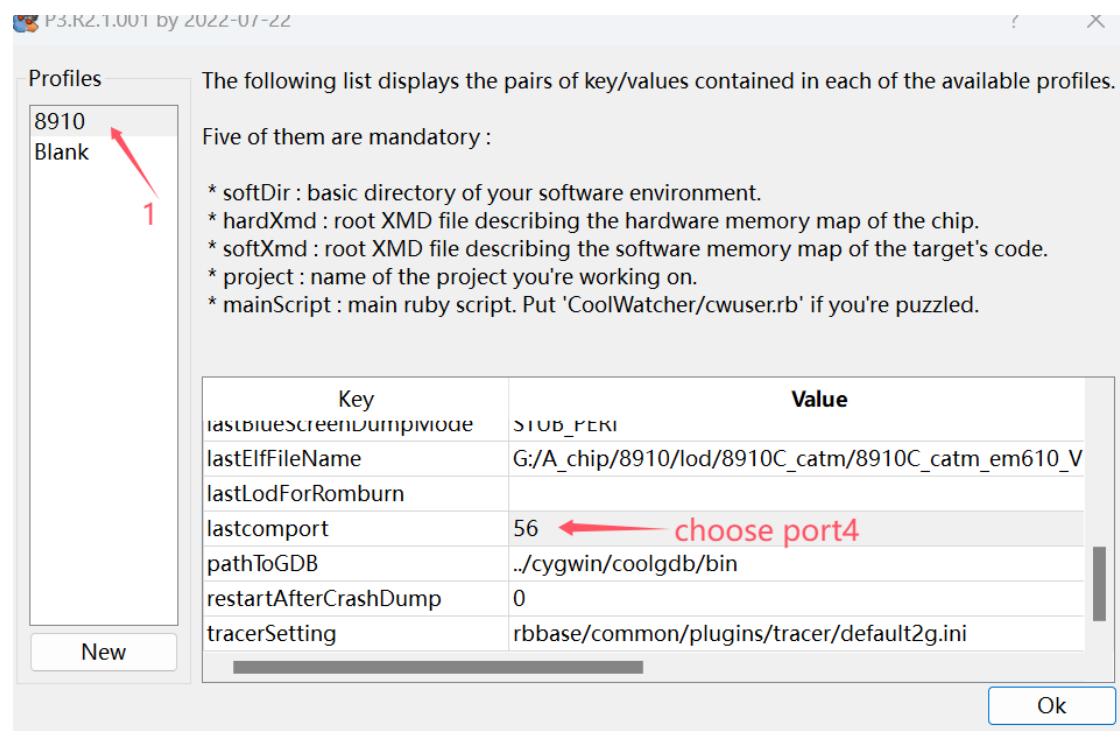
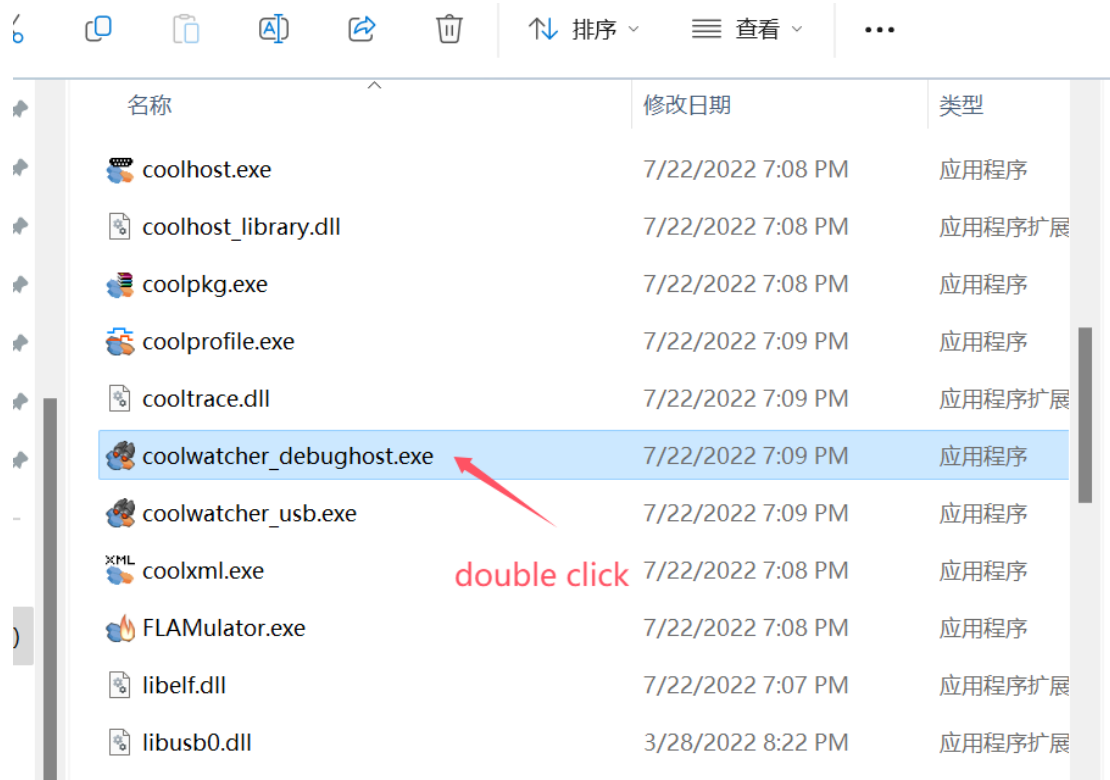
First, check the device port ,open device manage



Select a serial port tool and first send the AT command:at^TRACECTRL=0,1,2\r\n to enable the terminal to log. Note that the port should be PORT0 and the baud rate should be 115200. When the AT command returns OK, it means the setting is successful, and the terminal needs to be restarted once.

Extract the log tool from the attachment

名称	修改日期	类型	大小
Fibocom_Windows_ArmTracer_V6.4.5.0(CP LOG).zip	3/28/2024 11:50 AM	WinRAR ZIP 压缩文件	11,090 KB
Fibocom_Windows_CoolTools_V1.1.0.0(AP LOG).zip	3/28/2024 12:00 PM	WinRAR ZIP 压缩文件	71,192 KB
Fibocom_Windows_UpgradeDL_V1.0.6.0(download tool).zip	3/28/2024 11:56 AM	WinRAR ZIP 压缩文件	210,194 KB
Fibocom_Windows_USB_Drivers_V1.1.0.0.zip	3/28/2024 11:50 AM	WinRAR ZIP 压缩文件	19,230 KB
JCHSmartToolKit.rar	5/10/2024 5:08 PM	WinRAR 压缩文件	1,274 KB



Log filtering instructions: Enter myap in the input box and press enter to output the system and application logs only.

CoolWatcher Developer with profile 8910

File View Plugins Chip Flash Tracer Tools Help

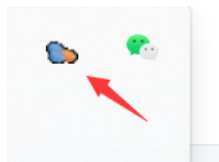
Trace tool

myapi

Index	Received	Tick	Level	Description
94288	09:40:35...	64016	FIBO/I	[recv_data:204]-[uartapi]fibo uart recv 64 bytes
94289	09:40:35...	64016	DRVR/D	DRV URT1 receive 3968, got 0
94290	09:40:35...	64016	FIBO/I	[recv_timer_callback:59]-[uartapi]recv timer reached
94291	09:40:35...	64049	FIBO/I	[recv_data:219]-[uartapi]fibo uart total recv 128 bytes, timeout call user cb
94292	09:40:35...	64100	NET /I	tcpip: \n
94293	09:40:35...	64291	FIBO/I	fibo uart URT1 write: len=128
94294	09:40:35...	64292	DRVR/D	DRV URT1 IRQ, status=0x00000001
94295	09:40:35...	64293	FIBO/I	[fibo_hal_uart_put:368]-[uartapi]fibo uart send finish
94296	09:40:35...	64314	DRVR/D	DRV URT1 IRQ, status=0x00000001
94297	09:40:35...	64330	DRVR/D	DRV URT1 RX DMA event 0x2
94298	09:40:35...	64332	FIBO/I	[recv_data:200]-[uartapi]start timer for recv more data cur_len=64 timeout=2
94299	09:40:35...	64332	FIBO/I	[recv_data:204]-[uartapi]fibo uart recv 64 bytes
94300	09:40:35...	64332	DRVR/D	DRV URT1 receive 4032, got 0
94301	09:40:35...	64343	DRVR/D	DRV URT1 RX DMA event 0x2
94302	09:40:35...	64344	FIBO/I	[recv_data:200]-[uartapi]start timer for recv more data cur_len=128 timeout=2

Index Received Tick Level Description

If the log does not print after the device restarts, you can open the PC icon in the bottom right corner of the computer



Click reconnect btn

Coolhost (COM56)

Port 7756

Stop

Disconnect

COM DATA Other

Port COM56

Baud Rate 921600

Flow Control NONE

Send to Com 0 B/s

Received 0 B/s

Parsed (0) 0 B/s

Send to Client 0 B/s

COM Break

Reconnect

Write host (11): AD 00 07 FF 84 03 00 00 00 80 F8
do creconnect
Failed to open COM56
COM break
Write host (11): AD 00 07 FF 84 03 00 00 00 80 F8
do creconnect
Failed to open COM56
COM break
Write host (11): AD 00 07 FF 84 03 00 00 00 80 F8
do creconnect
Failed to open COM56
COM break
Write host (11): AD 00 07 FF 84 03 00 00 00 80 F8
do creconnect
Failed to open COM56
COM break
Write host (11): AD 00 07 FF 84 03 00 00 00 80 F8
do creconnect
Failed to open COM56
COM break
Write host (11): AD 00 07 FF 84 03 00 00 00 80 F8
do creconnect
Failed to open COM56
COM break
Write host (11): AD 00 07 FF 84 03 00 00 00 80 F8
do creconnect

Verbose ☒ Server ☒ Client ☐ Read ☐ Host Read ☒ Host Write ☐ Drop

Clear Log

Auto Save Log

Persistent

Exit

1.2. Capture cap log

This is mainly used to analyze abnormal related issues in the network

CoolWatcher Developer with profile 8910

File View Plugins Chip Flash Tracer Tools Help

Trace tool

click

myap

Index	Received	Tick	Level	Description
2316106	11:14:37...	2446	FIBO/I	[recv_data:219]-[uartapi]fibo uart total recv 128 bytes, timeout call user cb
2316107	11:14:37...	2606	NET /I	tcpip: \n
2316108	11:14:37...	2688	FIBO/I	fibo uart URT1 write: len=128
2316109	11:14:37...	2689	DRV/D	DRV URT1 IRQ, status=0x00000001
2316110	11:14:37...	2690	FIBO/I	[fibo_hal_uart_put:368]-[uartapi]fibo uart send finish
2316111	11:14:37...	2711	DRV/D	DRV URT1 IRQ, status=0x00000001
2316112	11:14:37...	2727	DRV/D	DRV URT1 RX DMA event 0x2
2316113	11:14:37...	2729	FIBO/I	[recv_data:200]-[uartapi]start timer for recv more data cur_len=64 timeout=2
2316114	11:14:37...	2729	FIBO/I	[recv_data:204]-[uartapi]fibo uart recv 64 bytes
2316115	11:14:37...	2729	DRV/D	DRV URT1 receive 4032, got 0
2316116	11:14:37...	2740	DRV/D	DRV URT1 RX DMA event 0x2
2316117	11:14:37...	2741	FIBO/I	[recv_data:200]-[uartapi]start timer for recv more data cur_len=128 timeout=2
2316118	11:14:37...	2741	FIBO/I	[recv_data:204]-[uartapi]fibo uart recv 64 bytes
2316119	11:14:37...	2741	DRV/D	DRV URT1 receive 3968, got 0
2316120	11:14:37...	2774	FIBO/I	[recv_timer_callback:59]-[uartapi]recv timer reached

Index	Received	Tick	Level	Description
1874931	11:10:49...	61346	MYAP/I	npc_protocol_task
1874932	11:10:49...	61348	MYAP/I	[SYS]:thread_stack_size=2048,uxPriority=16,ret=0

Set Trace Levels

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
SXR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
PAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
LTA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
LTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
LAP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
RLU	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
RLD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
LLC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
MM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
CC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
SS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
SMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
SM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
SND	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
API	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
MMI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
SIM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
AT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
MZA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
STT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
RRI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
RRD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
RLP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
HAL	VAR	TIM	IO	RF	AU	LCD	SD	AM	SPI	UART	USB	VOC	MAS	IM	LPS	DBG	All	None			
BCPU	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
CSW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
EDRV	VAR	MDI	EM	RF	AUD	CD	MD	AM	FM	DB	TDS	12	13	14	15	16	DBG	All	None		
MCI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	All	None			
SVC1	VAR	MCT	LAV	PS	VRS	AM	MG	FSS	MSG	MPS	MRS	CTL	MS	RAC	VO	IS	DE	GCM	All	None	
SVC2	VPP	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	AP	SARS	DBG	All	None

☒ Auto Save Trace

☐ Bin ☒ trc

Split Size 10000 KB

Directory logs

Row Limit 500000

DB file name '2gTraceDB/traceDb.yaml'

☒ Auto reapply trace levels on reset

☐ Tick in flow ID 0x80

☒ Receive Event

☒ Save Pcap

1.choose

2.ok

Save Load Ok Cancel

Then the cap log will auto save at the Software installation directory

File Explorer window showing the directory path: Fibocom_Windows_CoolTools_V1.1.0.0 > logs > cap. The search bar contains "在 cap 中搜索".

The file list is as follows:

名称	修改日期	类型
log_bt_ap_-1_240813-105313.pcap	8/13/2024 11:10 AM	Wireshark 捕获文件
log_bt_riscv_-1_240812-180126.org	8/13/2024 9:54 AM	ORG 文件
log_bt_riscv_-1_240813-100358.org	8/13/2024 11:31 AM	ORG 文件
log_bt_riscv_-1_240813-113145.org	8/13/2024 11:38 AM	ORG 文件
log_bt_riscv_-1_240813-114037.org	8/13/2024 11:59 AM	ORG 文件
log_bt_riscv_-1_240813-122921.org	8/13/2024 12:32 PM	ORG 文件
log_bt_riscv_-1_240813-123517.org	8/13/2024 12:37 PM	ORG 文件
log_bt_riscv_-1_240813-123830.org	8/13/2024 12:48 PM	ORG 文件
log_bt_riscv_-1_240813-125158.org	8/13/2024 2:15 PM	ORG 文件
log_bt_riscv_-1_240813-150500.org	8/13/2024 3:17 PM	ORG 文件
log_bt_riscv_-1_240813-161314.org	8/14/2024 2:23 PM	ORG 文件
log_bt_riscv_-1_240814-145545.org	8/14/2024 6:45 PM	ORG 文件

选择要预览的文件