



Mobile TD/TTC/LTE

PC Tools for TD/TTC/LTE

UeConsole UserGuide

V1.0

Document Conventions



Note: Provides related information or information of special importance.



Caution

Caution: Indicates potential damage to hardware or software, or loss of data.



Warning: Indicates a risk of personal injury.

Document Status

Doc Status: UE ConSole User Guide

Technical Publication:

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1 前言

1.1 UeConsole 主要功能

UeConsole 支持离线和在线模式：

在线模式:UeConsole向UE发送AT Command, 并能显示UE回写AT Message.

离线模式: UeConsole将log中AT message 抽离出来显示。

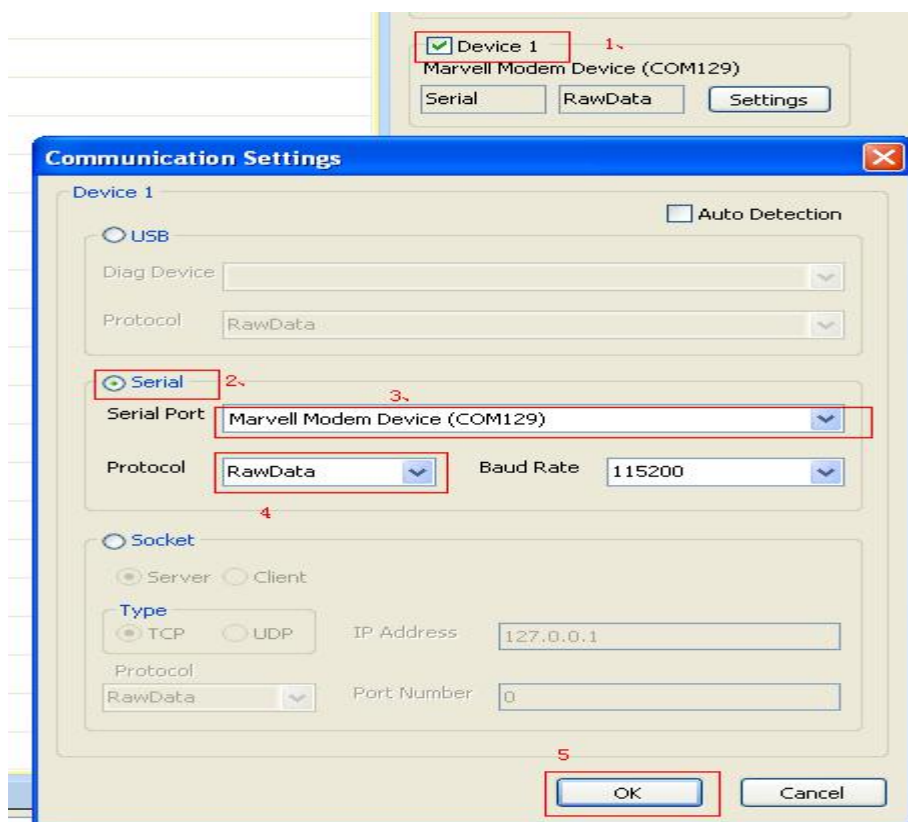
2

使用用法

2.1 UeConsole 在线模式

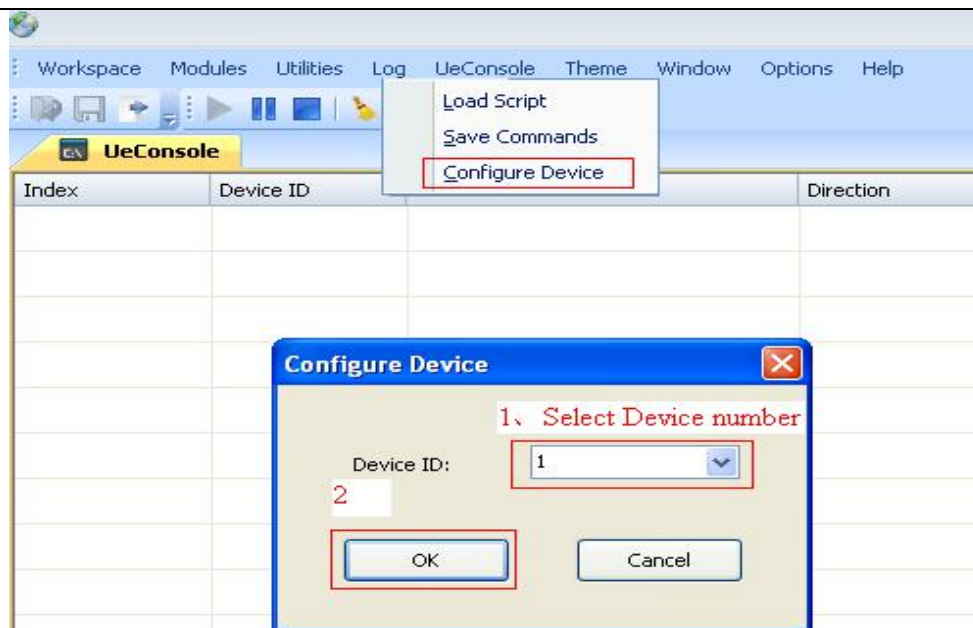
Step1: 在 Device Communication 区域设置串口连接,如下图所示:

Device Communication 方法可参考: Catstudio_Communication_Guide_chs.pdf 中 2.1.2 节



Step2: 启动 UeConsole。在 CATStudio 窗口->Modules->UeConsole。

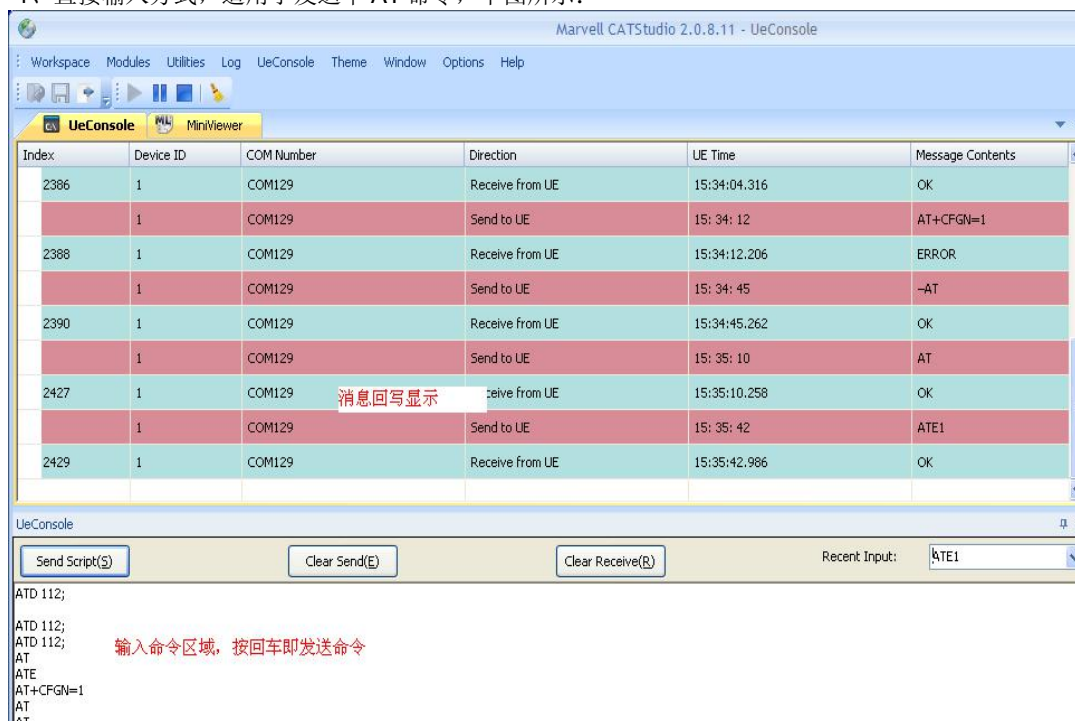
Step3: 配置 Device。菜单 UeConsole->Configure Device, 如下图所示。



Step4: 发送 AT Command 。

UeConsole 支持两种方式输入 AT Command：直接输入和脚本导入方式：

1、直接输入方式，适用于发送单 AT 命令，下图所示：



2、脚本导入方式，该方式适用于发送批量 AT Command.

1) 准备脚本，并保存为 txt 文档，如下图所示：

```

ATE0
ATE1
AT+CFUN?
AT+CFUN=0
AT+CFUN=1
  
```

2) 导入脚本，如下图所示：

Marvell CATStudio 2.0.8.1

Workspace Modules Utilities Log UeConsole Theme Window Options Help

UeConsole MiniViewer

Index	Device ID	COM	Direction	UE Time
2386	1	COM129	Receive from UE	15:34
	1	COM129	Send to UE	15:34
2388	1	COM129	Receive from UE	15:34
	1	COM129	Send to UE	15:34
2390	1	COM129	Receive from UE	15:34
	1	COM129	Send to UE	15:34
2427	1	COM129	Receive from UE	15:35
	1	COM129	Send to UE	15:35
2429	1	COM129	Receive from UE	15:35

UeConsole

Send Script(S) Clear Send(E) Clear Receive(R)

AT+CFUN?

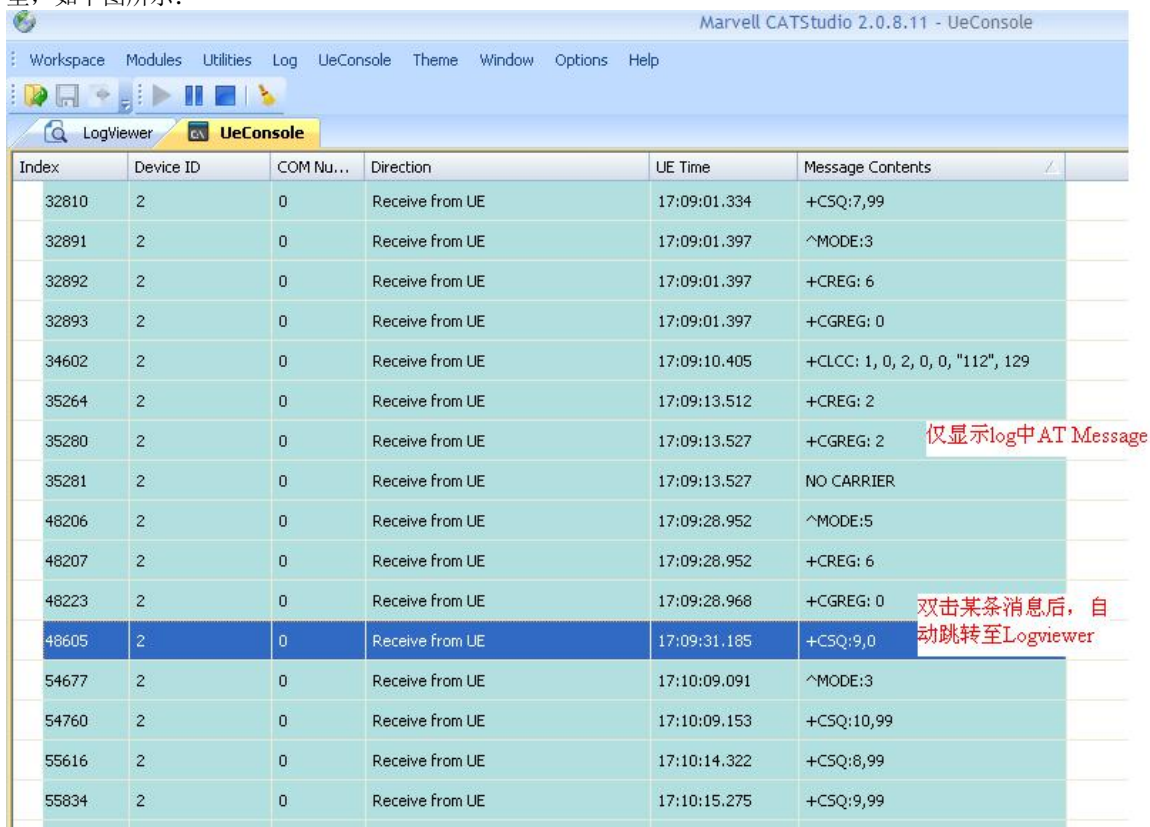
2、view command script that imported

2.2 UeConsole 离线模式

Step1: 启动 Catstudio 离线模式。

Step2: 启动 UeConsole。在 CATStudio 窗口->Modules->UeConsole。

Step3: 导入 log 后, UeConsole 自动加载播放, 将 log 中 AT Message 消息自动过滤显示在 UeConsole 里, 如下图所示:



Index	Device ID	COM Nu...	Direction	UE Time	Message Contents
32810	2	0	Receive from UE	17:09:01.334	+CSQ:7,99
32891	2	0	Receive from UE	17:09:01.397	^MODE:3
32892	2	0	Receive from UE	17:09:01.397	+CREG: 6
32893	2	0	Receive from UE	17:09:01.397	+CGREG: 0
34602	2	0	Receive from UE	17:09:10.405	+CLCC: 1, 0, 2, 0, 0, "112", 129
35264	2	0	Receive from UE	17:09:13.512	+CREG: 2
35280	2	0	Receive from UE	17:09:13.527	+CGREG: 2
35281	2	0	Receive from UE	17:09:13.527	NO CARRIER
48206	2	0	Receive from UE	17:09:28.952	^MODE:5
48207	2	0	Receive from UE	17:09:28.952	+CREG: 6
48223	2	0	Receive from UE	17:09:28.968	+CGREG: 0
48605	2	0	Receive from UE	17:09:31.185	+CSQ:9,0
54677	2	0	Receive from UE	17:10:09.091	^MODE:3
54760	2	0	Receive from UE	17:10:09.153	+CSQ:10,99
55616	2	0	Receive from UE	17:10:14.322	+CSQ:8,99
55834	2	0	Receive from UE	17:10:15.275	+CSQ:9,99

3 Appendix

3.1 Report issues

Please visit webs: <http://support.asrmicro.com>.

Or contact ASR FAE/AE

Or please send email to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title

Or submit an issue at CQ web: <http://sh2-cq01.asrmicro.com/cqweb/login>.

3.2 Update this document

Please send updated document to lianghuxu@asrmicro.com with "PC Tools User Doc Issue/Update: ..." title for merging, and you will receive merged latest version.

3.3 Revision History

Rev	Description	Date
1.00	Initial version	2012-04-11
1.01	Commit to SVN.	2012-04-19