



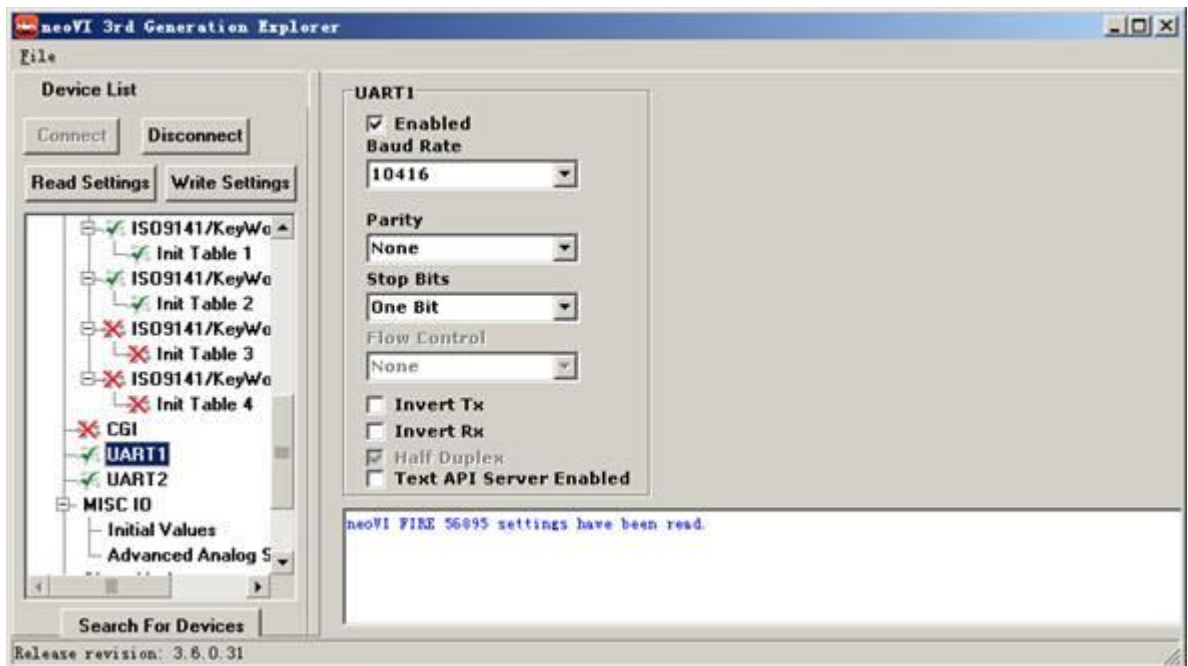
FIRE/RED 中 UART 通道的使用方法

关于 Uart 通道的使用方法，可以通过如下方法设置。

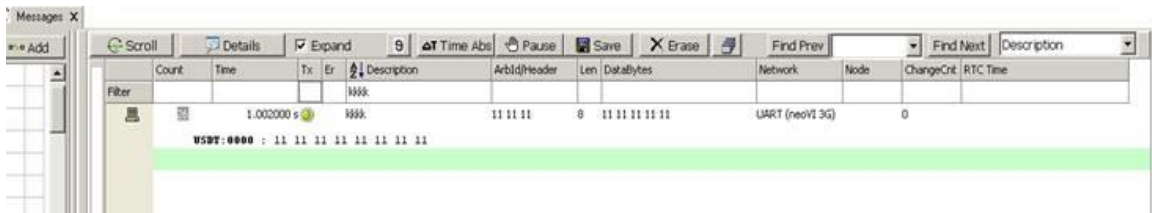
实际上 UART1, UART2 对应的引脚就是 Lin1, Lin2 的引脚。

操作步骤:

1. 您可以在 3G explorer 中设置，将通道 Uart1, Uart2 打开。将 Lin1, Lin2, 以及 ISO9141/KeyWord2000 1, ISO9141/KeyWord2000 2 关闭。



2. 然后，如果与 Uart 相同波特率的通道相连，就会在 message 界面上读到来自其他节点的数据。





3. 但是如果发送 Uart 数据，不能使用 online 在线模式，需要将 Transmit 发送 Uart 类型报文的脚本，下载至 FIRE/RED 的 SD 卡中，即离线模式才能发送成功。

Description	PT	Trgt	Src	B1	B2	B3	B4	B5	B6	B7	B8	Src Node	Tx Msg	Color
TTTT	11	11	11	11	11	11	11	11					None	
qqqq	22	22	22	22	22	22	22	22					None	
Wwww	33	33	33	33	33	33	33	33	33				None	

Function Block 1

Step	Description	Value	Comment
1	Transmit	Wwww	// TODO: Add step commands here
2	Wait For	1.000000 sec	
3	Transmit	TTTT	
4	Wait For	1.000000 sec	
5	Transmit	qqqq	
6	Wait For	1.000000 sec	

4. Tools -> Utilities-> Coremini, 编译后，Send 至 Sd 卡离线运行。



The screenshot displays the software's output window with the following content:

- Unknown protocol for rx filter.
- Unknown protocol for rx filter.
- Unknown protocol for rx filter.
- Unknown protocol for tx message.
- Unknown protocol for tx message.
- Unknown protocol for tx message.
- File added to SD Card image: E:\work\V5py3Beta\vspy3_install20130513\Data Directory\Default\cmvspy.vs3cmc
- Exe Compressed to 512 bytes (67.4 % of original size)
- CoreMini Header (256 bytes)
- Padding (2 bytes)
- Process Lists: 28 (28 bytes)
- Messages Compiled: 3 (234 bytes)78
- Transmit Messages Compiled: 3 (144 bytes)
- Function Block Scripts Compiled: 1 (28 bytes)
- Function Blocks Script Steps Compiled: 11 (22 bytes)
- Expressions 0 (0 bytes)
- Extended Expressions (0 bytes)
- Extended Expressions (0 bytes)Expression Operations 0 args 0
- Totals : Expressions 0 operation 0 args 0

Below the list, the 'Compile CoreMini' section shows the status: **CoreMini Compiled with Warnings.** It includes 'Compile' and 'Copy to Clipboard' buttons.

The 'Device Configuration and Download' section has tabs for 'neoVI (USB)', 'neoECU (CAN)', and 'RS232/UART/Bluetooth'. It features a 'Configure Device (Bit Rates, Initial Pin States, Resistor Enables, etc...):' button labeled 'Hardware Setup...'. Under 'Download CoreMini:', there are dropdown menus for 'Device' (set to 'neoVI FIRE 56895') and 'Storage' (set to 'SD Card'). At the bottom, there are 'Send...', 'Extract...', and 'Clear' buttons, along with checkboxes for 'Run CoreMini After Download' (checked) and 'Advanced Settings' (unchecked).

请注意，即使设置为 Uart 通道使用，供电仍然按照 Lin 的模式，即仍然是 12v 供电。