The following extract of the *External Mode* ***target*** *debug message log* (level 2) is analyzed to determine the cause of a MATLAB crash following the upload of an invalid log data record. Notice the [“circular buffer full” condition on p. 10](#circBufFull). The impact of this event appears some time later, namely when the buffered data has been uploaded to the host where it is interpretet by Simulink.

An explanation of what crashes MATLAB can be found on [p. 17](#explanation).

(…)

[1] model\_init: START\_PACKAGE received. Starting Model...

[1] main: Starting RT processes ---------------------------------

<ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><1 0x7E 0x7E 0x2 0x0 0x0 0x0 0x0 0x3 0x3>

[ 0x7E 0x7E 0x2 0x0 0x0 0x0 0x0 <ISR>0x3 0x3 ]

[1] ExtGetPktBlocking: Received ACK\_PACKET -> waitForAck = FALSE;

[1] ExtSetPkt: waitForAck = FALS<ISR>E -> clear to send

-[2] serial\_set\_string: Sending 0x7E

-[2] serial\_set\_string: Sending 0x7E

-[2] serial\_set\_<ISR>string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_se<ISR>t\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_s<ISR>et\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] seria<ISR>l\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] seri<ISR>al\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] s<ISR>erial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] <ISR>serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2<ISR>] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0<ISR>

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x<ISR>0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR>0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending<ISR> 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sendi<ISR>ng 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sen<ISR>ding 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: S<ISR>ending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: S<ISR>ending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string:<ISR> Sending 0x0

-[2] serial\_set\_string: Sending 0x3C

-[2] serial\_set\_string: Sending 0xA3

-[2] serial\_set\_stri<ISR>ng: Sending 0xD7

-[2] serial\_set\_string: Sending 0xA

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_s<ISR>tring: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_<ISR>string: Sending 0x3D

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0xCC

-[2] serial<ISR>\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] seri<ISR>al\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] s<ISR>erial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2]<ISR> serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2<ISR>] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

<ISR>-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>

-[2] serial\_set\_string: Sending 0x3D

-[2] serial\_set\_string: Sending 0x23

-[2] serial\_set\_string: Sending <ISR>0xD7

-[2] serial\_set\_string: Sending 0xA

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending<ISR> 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sendi<ISR>ng 0x3E

-[2] serial\_set\_string: Sending 0x4C

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: S<ISR>ending 0xCC

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string<ISR>: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_strin<ISR>g: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_st<ISR>ring: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_s<ISR>tring: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set<ISR>\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_se<ISR>t\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_<ISR>set\_string: Sending 0x3D

-[2] serial\_set\_string: Sending 0x75

-[2] serial\_set\_string: Sending 0xC2

-[2] ser<ISR>ial\_set\_string: Sending 0x8E

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] <ISR>serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3E

-[2<ISR>] serial\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0x99<ISR>

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0<ISR>

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR>0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending<ISR> 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sendi<ISR>ng 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Send<ISR>ing 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Se<ISR>nding 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: S<ISR>ending 0x3D

-[2] serial\_set\_string: Sending 0xA3

-[2] serial\_set\_string: Sending 0xD7

-[2] serial\_set\_stri<ISR>ng: Sending 0xA

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_stri<ISR>ng: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3E

-[2] serial\_set\_s<ISR>tring: Sending 0xCC

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_s<ISR>et\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial<ISR>\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] seri<ISR>al\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] s<ISR>erial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] <ISR>serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2<ISR>] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3D

<ISR>

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0x<ISR>CC

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR> 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sendin<ISR>g 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Send<ISR>ing 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sen<ISR>ding 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: <ISR>Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string<ISR>: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_stri<ISR>ng: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_str<ISR>ing: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_st<ISR>ring: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3D

-[2] serial\_set\_<ISR>string: Sending 0xF5

-[2] serial\_set\_string: Sending 0xC2

-[2] serial\_set\_string: Sending 0x8E

-[2] serial<ISR>\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] seria<ISR>l\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending 0x19

-[2] s<ISR>erial\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0x0

-[2<ISR>] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

<ISR>-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x<ISR>0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0<ISR>x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR> 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending<ISR> 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3E

-[2] serial\_set\_string: Send<ISR>ing 0xF

-[2] serial\_set\_string: Sending 0x5C

-[2] serial\_set\_string: Sending 0x28

-[2] serial\_set\_string: S<ISR>ending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string:<ISR> Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending 0x33

-[2] serial\_set\_stri<ISR>ng: Sending 0x33

-[2] serial\_set\_string: Sending 0x33

-[2] serial\_set\_string: Sending 0x3

-[2] serial\_set\_<ISR>string: Sending 0x3

[1] ExtSetPktWithACK: ExtMode packet sent, setting waitForAck to TRUE

<ISR><2 0x7E<ISR> 0x7E 0x2 0x0 0x0 0x0 0x0 0x3 0x3>

[ 0x7E 0x7E 0x2 0x0 0x0 0x0 0x0 0x3 0x3 ]

[1] ExtGetPktBlocking: Received AC<ISR>K\_PACKET -> waitForAck = FALSE;

[1] ExtSetPkt: waitForAck = FALSE -> clear to send

-[2] serial\_set\_string: S<ISR>ending 0x7E

-[2] serial\_set\_string: Sending 0x7E

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string<ISR>: Sending 0x20

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_str<ISR>ing: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_st<ISR>ring: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set<ISR>\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_s<ISR>et\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_<ISR>set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial<ISR>\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] seri<ISR>al\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] ser<ISR>ial\_set\_string: Sending 0x3E

-[2] serial\_set\_string: Sending 0x23

-[2] serial\_set\_string: Sending 0xD7

-[2<ISR>] serial\_set\_string: Sending 0xA

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

<ISR>

-[2] serial\_set\_string: Sending 0x4C

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0<ISR>xCC

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending<ISR> 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sendi<ISR>ng 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sen<ISR>ding 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Se<ISR>nding 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: <ISR>Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string:<ISR> Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_strin<ISR>g: Sending 0x3E

-[2] serial\_set\_string: Sending 0x38

-[2] serial\_set\_string: Sending 0x51

-[2] serial\_set\_st<ISR>ring: Sending 0xEA

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set<ISR>\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_s<ISR>et\_string: Sending 0x66

-[2] serial\_set\_string: Sending 0x66

-[2] serial\_set\_string: Sending 0x66

-[2] ser<ISR>ial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] se<ISR>rial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2]<ISR> serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

<ISR>-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0<ISR>

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x<ISR

**[1] UploadBufAssignMem: WARNING: circBuf full! \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

>3E

-[2] serial\_set\_string: Sending 0x4C

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_s<ISR>et\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial<ISR>\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] seri<ISR>al\_set\_string: Sending 0x80

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] se<ISR>rial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] se<ISR>rial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] <ISR>serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2<ISR>] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-<ISR>[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3E<ISR>

-[2] serial\_set\_string: Sending 0x61

-[2] serial\_set\_string: Sending 0x47

-[2] serial\_set\_string: Sending 0<ISR>xAC

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR> 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sendin<ISR>g 0x8C

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Se<ISR>nding 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: S<ISR>ending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string:<ISR> Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string<ISR>: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_strin<ISR>g: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_stri<ISR>ng: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_str<ISR>ing: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3E

-[2] serial\_set\_s<ISR>tring: Sending 0x75

-[2] serial\_set\_string: Sending 0xC2

-[2] serial\_set\_string: Sending 0x8E

-[2] serial\_s<ISR>et\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_<ISR>set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending 0x99

-[2] seria<ISR>l\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0x0

-[2] se<ISR>rial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] <ISR>serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2]<ISR> serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-<ISR>[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-<ISR>[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3E

-[2] serial\_set\_string: Sending 0x8<ISR>5

-[2] serial\_set\_string: Sending 0x1E

-[2] serial\_set\_string: Sending 0xB8

-[2] serial\_set\_string: Sending <ISR> 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending<ISR> 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending 0xA6

-[2] serial\_set\_string: Send<ISR>ing 0x66

-[2] serial\_set\_string: Sending 0x66

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: S<ISR>ending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: <ISR>Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string:<ISR> Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_strin<ISR>g: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_stri<ISR>ng: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_str<ISR>ing: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_st<ISR>ring: Sending 0x0

-[2] serial\_set\_string: Sending 0x3E

-[2] serial\_set\_string: Sending 0x8F

-[2] serial\_set\_<ISR>string: Sending 0x5C

-[2] serial\_set\_string: Sending 0x28

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_s<ISR>et\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_<ISR>set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending 0xB3

-[2] serial\_set\_string: Sending 0x33

-[2] ser<ISR>ial\_set\_string: Sending 0x33

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] s<ISR>erial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2]<ISR> serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[<ISR>2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-<ISR>[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

<ISR>-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>

-[2] serial\_set\_string: Sending 0x3E

-[2] serial\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0<ISR>x99

-[2] serial\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending<ISR> 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending<ISR> 0x3F

-[2] serial\_set\_string: Sending 0xC0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Send<ISR>ing 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sen<ISR>ding 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: S<ISR>ending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string:<ISR> Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string<ISR>: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_strin<ISR>g: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_strin<ISR>g: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_stri<ISR>ng: Sending 0x3E

-[2] serial\_set\_string: Sending 0xA3

-[2] serial\_set\_string: Sending 0xD7

-[2] serial\_set\_<ISR>string: Sending 0xA

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set<ISR>\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_se<ISR>t\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_s<ISR>et\_string: Sending 0x3

-[2] serial\_set\_string: Sending 0x3

[1] ExtSetPktWithACK: ExtMode packet sent, setting <ISR>waitForAck to TRUE

<ISR><2 0x7E 0x7E 0x2 0x0 0x0 0x0 0x0 0x3 0x3>

[ 0x7E 0x7E 0x2 0x0 0x0 0x0 0x0 0x3 0x3 ]

[1] ExtGetPktBlocking: Recei<ISR>ved ACK\_PACKET -> waitForAck = FALSE;

[1] ExtSetPkt: waitForAck = FALSE -> clear to send

(…)

[1] E<ISR>xtSetPktWithACK: ExtMode packet sent, setting waitForAck to TRUE

<ISR><ISR><2 0x7E 0x7E 0x2 0x0 0x0 0x0 0x0 0x3 0x3>

[ 0x7E 0x7E 0x2 0x0 0x0 0x0 0x0 0x3 0x<ISR>3 ]

[1] ExtGetPktBlocking: Received ACK\_PACKET -> waitForAck = FALSE;

[1] ExtSetPkt: waitForAck = FALSE -> clea<ISR>r to send

-[2] serial\_set\_string: Sending 0x7E

-[2] serial\_set\_string: Sending 0x7E

-[2] serial\_set\_string: <ISR>Sending 0x1

-[2] serial\_set\_string: Sending 0x20

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string<ISR>: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_strin<ISR>g: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_str<ISR>ing: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_str<ISR>ing: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_s<ISR>tring: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_<ISR>string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set<ISR>\_string: Sending **0x1B**

-[2] serial\_set\_string: Sending **0xE4**

-[2] serial\_set\_string: Sending **0x23**

-[2] serial<ISR>\_set\_string: Sending **0xE0**

-[2] serial\_set\_string: Sending **0x23**

-[2] serial\_set\_string: Sending **0xC4**

-[2] se<ISR>rial\_set\_string: Sending **0x0**

-[2] serial\_set\_string: Sending **0x1C**

-[2] serial\_set\_string: Sending **0x0**

-[2] <ISR>serial\_set\_string: Sending **0x1**

-[2] serial\_set\_string: Sending **0x0**

-[2] serial\_set\_string: Sending **0x0**

-[2] <ISR>serial\_set\_string: Sending **0x0**

-[2] serial\_set\_string: Sending **0x0**

-[2] serial\_set\_string: Sending **0x0**

-[2]<ISR> serial\_set\_string: Sending **0x0**

-[2] serial\_set\_string: Sending 0x3

-[2] serial\_set\_string: Sending 0x3

[1]<ISR> ExtSetPktWithACK: ExtMode packet sent, setting waitForAck to TRUE

At this stage, the circular buffer on the target is wrapped. The transmitted bytes **0x1b 0xe4 0x23 0xe0 0x23 0xc4 0x0 0x1c 0x0 0x1 0x0 0x0 0x0 0x0 0x0 0x0** (see above) are bytes from memory beyond the upper limit of the circular buffer. The reason why these bytes are sent to the host is that function *ExtAdjPktSize* currently ignores the fact that the source buffer is circular.

On the host, the processing of this data [crashes MATLAB](ExtModeLog_hostCrash_Host.docx#crash), as neither the upload info index (**0x1b 0xe4 0x23 0xe0** – should be 0x00000000) nor the timestamp (**0x23 0xc4 0x0 0x1c** = 2.1250409E-17 s 🡪 a jump “back in time”) make any sense.

The target continues to communicate until the next awaited ACK\_PACKET does no longer arrive.

<ISR><2 0x7E 0x7E 0x2 0x0 0x0 0x0 0x0 0x3 0x3>

[ 0x7E 0x7E 0x2 0x0 0x0 0x0 0x0 0x3 0x3 ]

[1] Ext<ISR>GetPktBlocking: Received ACK\_PACKET -> waitForAck = FALSE;

[1] ExtSetPkt: waitForAck = FALSE -> clear to send

<ISR>-[2] serial\_set\_string: Sending 0x7E

-[2] serial\_set\_string: Sending 0x7E

-[2] serial\_set\_string: Sending 0x<ISR>1

-[2] serial\_set\_string: Sending 0xF0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR>0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR>0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR> 0x3F

-[2] serial\_set\_string: Sending 0x9E

-[2] serial\_set\_string: Sending 0xB8

-[2] serial\_set\_string: Send<ISR>ing 0x51

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Se<ISR>nding 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: <ISR>Sending 0xB3

-[2] serial\_set\_string: Sending 0x33

-[2] serial\_set\_string: Sending 0x33

-[2] serial\_set\_stri<ISR>ng: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_str<ISR>ing: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_st<ISR>ring: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_<ISR>string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set<ISR>\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_se<ISR>t\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_s<ISR>et\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial<ISR>\_set\_string: Sending 0xA1

-[2] serial\_set\_string: Sending 0x47

-[2] serial\_set\_string: Sending 0xAD

-[2] ser<ISR>ial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] se<ISR>rial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending 0xC0

-[2]<ISR> serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2<ISR>] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-<ISR>[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0<ISR>

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0<ISR>

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x<ISR>1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0<ISR>x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending <ISR> 0xA3

-[2] serial\_set\_string: Sending 0xD7

-[2] serial\_set\_string: Sending 0xA

-[2] serial\_set\_string: Sendi<ISR>ng 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Send<ISR>ing 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Send<ISR>ing 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sen<ISR>ding 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: S<ISR>ending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: <ISR>Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string<ISR>: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_strin<ISR>g: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_stri<ISR>ng: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_stri<ISR>ng: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending 0xA6

-[2] serial\_set\_s<ISR>tring: Sending 0x66

-[2] serial\_set\_string: Sending 0x66

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_se<ISR>t\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_s<ISR>et\_string: Sending 0x3D

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0xCC

-[2] seri<ISR>al\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] se<ISR>rial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] s<ISR>erial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2]<ISR> serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2<ISR>] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-<ISR>[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

<ISR>-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending 0xA8

-[2] serial\_set\_string: Sending 0x<ISR>F5

-[2] serial\_set\_string: Sending 0xC2

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR>0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR> 0x3E

-[2] serial\_set\_string: Sending 0x4C

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Send<ISR>ing 0xCC

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Se<ISR>nding 0x0

-[2] serial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: <ISR>Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string<ISR>: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string<ISR>: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_strin<ISR>g: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_stri<ISR>ng: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_str<ISR>ing: Sending 0x3F

-[2] serial\_set\_string: Sending 0xAB

-[2] serial\_set\_string: Sending 0x85

-[2] serial\_set<ISR>\_string: Sending 0x1E

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_s<ISR>et\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3E

-[2] serial<ISR>\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0x99

-[2] serial\_set\_string: Sending 0x99

-[2] ser<ISR>ial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] se<ISR>rial\_set\_string: Sending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] <ISR>serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2<ISR>] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[<ISR>2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-<ISR>[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-<ISR>[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

<ISR>

-[2] serial\_set\_string: Sending 0xAE

-[2] serial\_set\_string: Sending 0x14

-[2] serial\_set\_string: Sending 0<ISR>x7A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending <ISR> 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3E

-[2] serial\_set\_string: Sendin<ISR>g 0xCC

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Sending 0xCC

-[2] serial\_set\_string: Se<ISR>nding 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: S<ISR>ending 0x1A

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: <ISR>Sending 0x0

-[2] serial\_set\_string: Sending 0x18

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string<ISR>: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x1

-[2] serial\_set\_strin<ISR>g: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_stri<ISR>ng: Sending 0x1

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_str<ISR>ing: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_s<ISR>tring: Sending 0xB0

-[2] serial\_set\_string: Sending 0xA3

-[2] serial\_set\_string: Sending 0xD6

-[2] serial\_se<ISR>t\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_s<ISR>et\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3F

-[2] serial\_set\_string: Sending 0x0

-[2] serial<ISR>\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x0

-[2] serial\_set\_string: Sending 0x3

-[2] seria<ISR>l\_set\_string: Sending 0x3

[1] ExtSetPktWithACK: ExtMode packet sent, setting waitForAck to TRUE

-[2] SendPktTo<ISR>Host: Sending action Packet type is EXT\_TERMINATE\_LOG\_EVENT (31) with size 4

<ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR><ISR>