Booted

USBSerial Input!

USB Serial Command Received: T

XBee Test Command Received

Calling xbee\_dev\_init()

'xbee\_ser\_open' called

'xbee\_ser\_flowcontrol' called

Calling xbee\_cmd\_init\_device

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x01 (4-byte payload)

~..

..HV

X

xbee\_cmd\_init\_device returned:0

Waiting for driver to query the XBee device...

available count: 11

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 10

'xbee\_ser\_read' returned: [00]

available count: 9

'xbee\_ser\_read' returned: [07]

\_xbee\_frame\_load: got length 7

available count: 8

'xbee\_ser\_read' returned: ˆ[01]HV[00]KP=

\_xbee\_frame\_load: dispatch frame #1

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x01

88 01 48 56 00 4b 50 ..HV.KP

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x02 (4-byte payload)

~..

..HS

Z

available count: 11

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 10

'xbee\_ser\_read' returned: [00]

available count: 9

'xbee\_ser\_read' returned: [07]

\_xbee\_frame\_load: got length 7

available count: 8

'xbee\_ser\_read' returned: ˆ[02]HS[00][0B][08]Ç

\_xbee\_frame\_load: dispatch frame #2

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x02

88 02 48 53 00 0b 08 ..HS...

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x03 (4-byte payload)

~..

..VR

L

available count: 13

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 12

'xbee\_ser\_read' returned: [00]

available count: 11

'xbee\_ser\_read' returned:

\_xbee\_frame\_load: got length 9

available count: 10

'xbee\_ser\_read' returned: ˆ[03]VR[00][00][01][14][17]

\_xbee\_frame\_load: dispatch frame #3

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x03

88 03 56 52 00 00 01 14 17 ..VR.... .

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x04 (4-byte payload)

~..

..SH

X

available count: 13

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 12

'xbee\_ser\_read' returned: [00]

available count: 11

'xbee\_ser\_read' returned:

\_xbee\_frame\_load: got length 9

available count: 10

'xbee\_ser\_read' returned: ˆ[04]SH[00][03]UR7÷

\_xbee\_frame\_load: dispatch frame #4

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x04

88 04 53 48 00 03 55 52 37 ..SH..UR 7

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x05 (4-byte payload)

~..

..SL

S

available count: 13

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 12

'xbee\_ser\_read' returned: [00]

available count: 11

'xbee\_ser\_read' returned:

\_xbee\_frame\_load: got length 9

available count: 10

'xbee\_ser\_read' returned: ˆ[05]SL[00]gSfDo

\_xbee\_frame\_load: dispatch frame #5

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x05

88 05 53 4c 00 67 53 66 44 ..SL.gSf D

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x06 (4-byte payload)

~..

..GT

V

available count: 11

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 10

'xbee\_ser\_read' returned: [00]

available count: 9

'xbee\_ser\_read' returned: [07]

\_xbee\_frame\_load: got length 7

available count: 8

'xbee\_ser\_read' returned: ˆ[06]GT[00][03]èë

\_xbee\_frame\_load: dispatch frame #1

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x06

88 06 47 54 00 03 e8 ..GT...

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x07 (4-byte payload)

~..

..CT

Y

available count: 11

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 10

'xbee\_ser\_read' returned: [00]

available count: 9

'xbee\_ser\_read' returned: [07]

\_xbee\_frame\_load: got length 7

available count: 8

'xbee\_ser\_read' returned: ˆ[07]CT[00][00]du

\_xbee\_frame\_load: dispatch frame #2

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x07

88 07 43 54 00 00 64 ..CT..d

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x08 (4-byte payload)

~..

..CC

i

available count: 10

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 9

'xbee\_ser\_read' returned: [00]

available count: 8

'xbee\_ser\_read' returned: [06]

\_xbee\_frame\_load: got length 6

available count: 7

'xbee\_ser\_read' returned: ˆ[08]CC[00]+¾

\_xbee\_frame\_load: dispatch frame #3

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x08

88 08 43 43 00 2b ..CC.+

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x09 (4-byte payload)

~..

..EO

Z

available count: 9

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 8

'xbee\_ser\_read' returned: [00]

available count: 7

'xbee\_ser\_read' returned: [05]

\_xbee\_frame\_load: got length 5

available count: 6

'xbee\_ser\_read' returned: ˆ EO[02]Ø

\_xbee\_frame\_load: dispatch frame #4

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x09

88 09 45 4f 02 ..EO.

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x0a (4-byte payload)

~..

..AI

c

available count: 10

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 9

'xbee\_ser\_read' returned: [00]

available count: 8

'xbee\_ser\_read' returned: [06]

\_xbee\_frame\_load: got length 6

available count: 7

'xbee\_ser\_read' returned: ˆ

AI[00]ÿä

\_xbee\_frame\_load: dispatch frame #5

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x0a

88 0a 41 49 00 ff ..AI..

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x0b (4-byte payload)

~..

..NP

N

available count: 9

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 8

'xbee\_ser\_read' returned: [00]

available count: 7

'xbee\_ser\_read' returned: [05]

\_xbee\_frame\_load: got length 5

available count: 6

'xbee\_ser\_read' returned: ˆ[0B]NP[02]Ì

\_xbee\_frame\_load: dispatch frame #1

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x0b

88 0b 4e 50 02 ..NP.

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x0c (4-byte payload)

~..

..MY

E

available count: 13

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 12

'xbee\_ser\_read' returned: [00]

available count: 11

'xbee\_ser\_read' returned:

\_xbee\_frame\_load: got length 9

available count: 10

'xbee\_ser\_read' returned: ˆ[0C]MY[00][00][00][00][00]Å

\_xbee\_frame\_load: dispatch frame #2

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x0c

88 0c 4d 59 00 00 00 00 00 ..MY.... .

\_xbee\_frame\_dispatch: calling frame handler @0x42004358, w/context 0x0

available count: 0

'xbee\_ser\_read' returned:

'xbee\_ser\_portname' called

XBee on Serial1:

HV=0x4B50 HS=0xB08 VR=0x11417 IEEE=03-55-52-37-67-53-66-44 net=0x0000

available count: 0

'xbee\_ser\_read' returned:

'sendUserDataRelayAPIFrame' called

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x2d, id 0x0d (9-byte payload)

7e 00 09 ~..

2d 0d 02 -..

01 50 49 4e 47 00 .PING.

94 .

sent message id 0x00

sent message id 0x[01]PING

available count: 0

'xbee\_ser\_read' returned:

'sendUserDataRelayAPIFrame' called

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x2d, id 0x0e (9-byte payload)

7e 00 09 ~..

2d 0e 02 -..

01 50 49 4e 47 00 .PING.

93 .

sent message id 0x00

sent message id 0x[01]PING

available count: 0

'xbee\_ser\_read' returned:

'sendUserDataRelayAPIFrame' called

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x2d, id 0x0f (9-byte payload)

7e 00 09 ~..

2d 0f 02 -..

01 50 49 4e 47 00 .PING.

92 .

sent message id 0x00

sent message id 0x[01]PING

available count: 0

'xbee\_ser\_read' returned:

'sendUserDataRelayAPIFrame' called

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x2d, id 0x10 (9-byte payload)

7e 00 09 ~..

2d 10 02 -..

01 50 49 4e 47 00 .PING.

91 .

sent message id 0x00

sent message id 0x[01]PING

available count: 6

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 5

'xbee\_ser\_read' returned: [00]

available count: 4

'xbee\_ser\_read' returned: [02]

\_xbee\_frame\_load: got length 2

available count: 3

'xbee\_ser\_read' returned: Š[02]s

\_xbee\_frame\_load: dispatch frame #1

\_xbee\_frame\_dispatch: dispatch frame type 0x8a, id 0x02

8a 02 ..

\_xbee\_frame\_dispatch: calling frame handler @0x420044ec, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x11 (4-byte payload)

7e 00 04 ~..

08 11 4e 50 ..NP

48 H

available count: 9

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 8

'xbee\_ser\_read' returned: [00]

available count: 7

'xbee\_ser\_read' returned: [05]

\_xbee\_frame\_load: got length 5

available count: 6

'xbee\_ser\_read' returned: ˆ[11]NP[02]Æ

\_xbee\_frame\_load: dispatch frame #2

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x11

88 11 4e 50 02 ..NP.

\_xbee\_frame\_dispatch: calling frame handler @0x42004384, w/context 0x0

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x08, id 0x12 (4-byte payload)

7e 00 04 ~..

08 12 4d 59 ..MY

3f ?

available count: 13

'xbee\_ser\_read' returned: ~

\_xbee\_frame\_load: got start-of-frame

available count: 12

'xbee\_ser\_read' returned: [00]

available count: 11

'xbee\_ser\_read' returned:

\_xbee\_frame\_load: got length 9

available count: 10

'xbee\_ser\_read' returned: ˆ[12]MY[00]

€C>´

\_xbee\_frame\_load: dispatch frame #3

\_xbee\_frame\_dispatch: dispatch frame type 0x88, id 0x12

88 12 4d 59 00 0a 80 43 3e ..MY...C >

\_xbee\_frame\_dispatch: calling frame handler @0x42004384, w/context 0x0

available count: 0

'xbee\_ser\_read' returned:

'sendUserDataRelayAPIFrame' called

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x2d, id 0x13 (9-byte payload)

7e 00 09 ~..

2d 13 02 -..

01 50 49 4e 47 00 .PING.

8e .

sent message id 0x00

sent message id 0x[01]PING

available count: 0

'xbee\_ser\_read' returned:

'sendUserDataRelayAPIFrame' called

'xbee\_ser\_get\_cts' called

'xbee\_ser\_tx\_free' called

'xbee\_ser\_tx\_used' called

xbee\_frame\_write: frame type 0x2d, id 0x14 (9-byte payload)

7e 00 09 ~..

2d 14 02 -..

01 50 49 4e 47 00 .PING.

8d .

sent message id 0x00

sent message id 0x[01]PING

available count: 0

'xbee\_ser\_read' returned: