

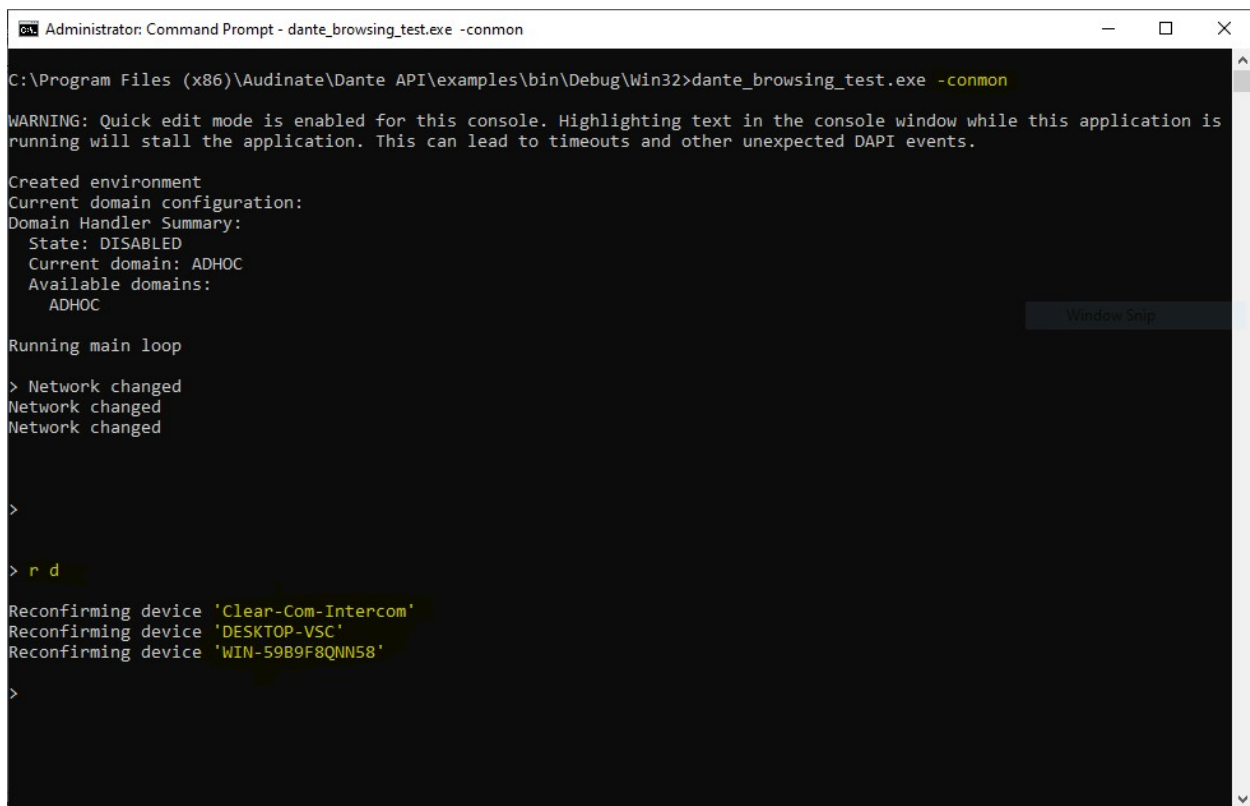
Here's the full installer from the vendor:

https://clearcom.ftpstream.com/50396/bae8b5d8fc6ea4009fc143557087dd9e/AE/Erik/dapi-4.2.3.2_windows.exe

These are looking for specific hardware devices on the network, so if you need to remote into a development machine for them, that can be arranged.

First - from dante_browsing_test:

If it is run with the `-common` argument, we wait for the connection to proceed, I can type `r d` and list all devices:



```
Administrator: Command Prompt - dante_browsing_test.exe -common

C:\Program Files (x86)\Audinate\Dante API\examples\bin\Debug\Win32>dante_browsing_test.exe -common

WARNING: Quick edit mode is enabled for this console. Highlighting text in the console window while this application is
running will stall the application. This can lead to timeouts and other unexpected DAPI events.

Created environment
Current domain configuration:
Domain Handler Summary:
  State: DISABLED
  Current domain: ADHOC
  Available domains:
    ADHOC

Running main loop

> Network changed
Network changed
Network changed

>

> r d
Reconfirming device 'Clear-Com-Intercom'
Reconfirming device 'DESKTOP-VSC'
Reconfirming device 'WIN-59B9F8QNN58'

>
```

There's a for loop that goes through each indexed device. I want all those names.

By searching for the `main()` entry point and copying the code used after `-common` is detected, and then by hooking up to "Network changed" and copying the for-loop that outputs "Reconfirming device" I've

been able to create an executable that can run this test without input, but short of using Process.Start, I can't consume it from an ASP.Net project.

I also want to be able to call the equivalent of p and discover AES67 flows:

```
> p
No AES67 flows discovered
```

Second – from dante_routing_test

This is what I'd like to replicate without the command line – if I launch the application, passing in a device name:

```
C:\Program Files (x86)\Audinate\Dante API\examples\bin\Debug\Win32>dante_routing_test.exe DESKTOP-VSC
dante_routing_test.exe: Routing API version 4.0.0
Current domain configuration:
Domain Handler Summary:
  State: DISABLED
  Current domain: ADHOC
  Available domains:
```

By hitting Enter, I can get a prompt, which allows me to do r, a number, then a new name string. I also get a confirmation:

```
Type '?' for help

'DESKTOP-VSC'> r 8 "NEW-NAME"

ACTION: Set Rx Channel Name
Setting RX channel 8 name to "NEW-NAME"

EVENT: device changed: STALE= RXCHANNELS
Active Requests: 1/16

'DESKTOP-VSC'>
EVENT: completed request 01559C00 (SetRxChannelName) with result success
```

By hitting r, I get all RX channels – I want this whole list:

```
'DESKTOP-VSC'> r
```

RX Channels for device DESKTOP-VSC:

ID	Name	Format	Latency	Mute	dBu	Subscription	Status	Flow ID
1	01	48000/[*24->0x000e]	6000	false	-	01@Clear-Com-Intercom	DYNAMIC	1
2	02	48000/[*24->0x000e]	6000	false	-	02@Clear-Com-Intercom	DYNAMIC	1
3	03	48000/[*24->0x000e]	6000	false	-	03@Clear-Com-Intercom	DYNAMIC	1
4	04	48000/[*24->0x000e]	6000	false	-	04@Clear-Com-Intercom	DYNAMIC	1
5	05	48000/[*24->0x000e]	6000	false	-	05@Clear-Com-Intercom	DYNAMIC	2
6	06	48000/[*24->0x000e]	6000	false	-	06@Clear-Com-Intercom	DYNAMIC	2
7	07	48000/[*24->0x000e]	-	false	-	-	-	-
8	NEW-NAME	48000/[*24->0x000e]	-	false	-	-	-	-
9	09	48000/[*24->0x000e]	-	false	-	-	-	-
10	10	48000/[*24->0x000e]	-	false	-	-	-	-
11	11	48000/[*24->0x000e]	-	false	-	-	-	-
12	12	48000/[*24->0x000e]	-	false	-	-	-	-
13	13	48000/[*24->0x000e]	-	false	-	-	-	-
14	14	48000/[*24->0x000e]	-	false	-	-	-	-
15	15	48000/[*24->0x000e]	-	false	-	-	-	-
16	16	48000/[*24->0x000e]	-	false	-	-	-	-
17	17	48000/[*24->0x000e]	-	false	-	-	-	-
18	18	48000/[*24->0x000e]	-	false	-	-	-	-
19	19	48000/[*24->0x000e]	-	false	-	-	-	-

Similarly, I need t:

```
'DESKTOP-VSC'> t
```

TX Channels for device DESKTOP-VSC:

ID	Name	Format	Enable	Mute	dBu
1	01	48000/[*24->0x000e]	true	false	-
2	02	48000/[*24->0x000e]	true	false	-
3	03	48000/[*24->0x000e]	true	false	-
4	04	48000/[*24->0x000e]	true	false	-
5	05	48000/[*24->0x000e]	true	false	-
6	06	48000/[*24->0x000e]	true	false	-
7	07	48000/[*24->0x000e]	true	false	-
8	08	48000/[*24->0x000e]	true	false	-
9	09	48000/[*24->0x000e]	true	false	-
10	10	48000/[*24->0x000e]	true	false	-
11	11	48000/[*24->0x000e]	true	false	-
12	12	48000/[*24->0x000e]	true	false	-
13	13	48000/[*24->0x000e]	true	false	-
14	14	48000/[*24->0x000e]	true	false	-
15	15	48000/[*24->0x000e]	true	false	-
16	16	48000/[*24->0x000e]	true	false	-

I need to be able to pass in s, a number, then a name, and get a result:

```
'DESKTOP-VSC'> s 9 "09@CLEAR-COM-INTERCOM"
ACTION: Subscribe
EVENT: device changed: STALE= RXCHANNELS
Active Requests: 1/16
EVENT: device changed: STALE= RXCHANNELS RXFLOWS
Active Requests: 1/16
'DESKTOP-VSC'>
EVENT: completed request 0155C360 (Subscribe) with result success
```

I need to be able to access the function that I does on the command line to list labels:

```
'DESKTOP-VSC'> l
1: "01"
2: "02" "SOME LABEL"
3: "03"
4: "04"
5: "05"
6: "06"
7: "07"
8: "08"
9: "09"
10: "10"
11: "11"
12: "12"
13: "13"
14: "14"
```

Finally, I need to be able to do the same a l, a number, a name and +, then get back the result:

```
'DESKTOP-VSC'> l 1 "NEW-LABEL" +
ACTION: Add Tx Label
Adding label "NEW-LABEL" to tx channel 1
'DESKTOP-VSC'>
EVENT: completed request 01558580 (AddTxLabel) with result success
EVENT: device changed: TXLABELS
Active Requests: 0/16
```

