

Public Support - Support Request #11562

Using vector Ethernet Device VN5610A within ADTF Device Toolbox 3.x

2020-06-23 14:56 - hidden

Status:	Closed	
Priority:	Normal	
Category:		
Customer:	AUDI	Product Issue Numbers:
Department:	TKI	Affected Products: ADTF 3.7.1, ADTF Device Toolbox 3.2.0
Requester's Priority:	Normal	Platform: Windows 10 64bit
Support Level:	2nd Level	Topic: DeviceTB::SOME/IP
Resolution:	Not Supported Scope	FAQ Links:
Description		
Supportanfrage		
as the title says im trying to read data from ethernet that is connected to the laptop via a VN 5610A. (see Screenshot vn5610a.png)		
I have currently tried using the Pcap Ethernet Receiver since the data that we get via Ethernet is SomeIP.		
Sadly i cannot find any way to start since i can only select the ip-adress; and we just passively reading samples.		
Should that be possible at all or would i need a different Source?		
Screenshot 2 contains the (mostly empty) Config.		
Lösung		
please have a look at #11288 , Ethernet Support for Vector API is neither requested from customer forum nor implemented. Getting SOME/IP data is Device independent using PCap Source, to extract SOME/IP data from this stream use the SOME/IP filter:		
<ul style="list-style-type: none">https://support.digitalwerk.net/adtf_addons/adtf-device-toolbox/v3/guides/tutorial_someip_example.html		
In addition to that we are thinking about implementing additional hardware devices, also for Vector Ethernet. But there is currently no budget from customer forum. But I am with you, there should be at least a open source or community solution as soon as possible. Maybe you can order and give us a contract ?		
Otherwise it seems to low prior because of resources.		
As suggested in the linked issue, you can also implmenent an own Source as well as share with us, send to the Device Toolbox or some open source community solutions. Note that we are working on a kind of component store to host and share adtf components with different security levels (internal, customer, public)		
Related issues:		
Related to Public Support - Support Request #11288: TCP data exchange with ve...		Closed

History

- #1 - 2020-06-23 16:01 - hidden
- Related to Support Request #11288: TCP data exchange with vector device added
- #2 - 2020-06-23 16:03 - hidden
- Status changed from New to In Progress
 - Private changed from Yes to No
 - Topic set to DeviceTB::SOME/IP
 - Customer set to AUDI
 - Department set to TKI

#3 - 2020-06-23 16:11 - hidden

- Status changed from In Progress to Customer Feedback Required
- Resolution set to Not Supported Scope

Hi Konstantin,

please have a look at [#11288](#), Ethernet Support for Vector API is neither requested from customer forum nor implemented. Getting SOME/IP data is Device independent using PCap Source, to extract SOME/IP data from this stream use the SOME/IP filter:

- https://support.digitalwerk.net/adtf_addons/adtf-device-toolbox/v3/guides/tutorial_someip_example.html

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#4 - 2020-06-29 15:38 - hidden

Hi Florian,

thanks for the answer.

I would like to try to implement the source myself. For the connection to work towards the SOME IP filter i would need the description / struct-Header of the Input of the Somelp Filter (the Output of the Pcap-Filter).

Can you provide that information or hint me where to get it?

Thanks
Konstantin

#5 - 2020-06-29 16:00 - hidden

- Subject changed from Using VN5610A Ethernet with ADTF3 to Using vector Ethernet Device VN5610A within ADTF Device Toolbox 3.x
- Description updated
- Status changed from Customer Feedback Required to To Be Closed

Hi Konstantin,

OK, if you like to share with others, we can put on our open source community if you like.

Regarding Ethernet type:
Please have a look at the Device Toolbox, ./pkg/include/sdk.
There you will find all used types and structures, as well as the Raw Ethernet Stream Type which you have to set.

Note:
In ADTF 3.x each Stream Type is completely described. You can also have a look at the plugindescriptions next to the adtfplugins. There you will find the type and ddl structure as well if you inspect the plugindescriptions for pcap source or some/ip filter.

#8 - 2020-07-07 12:50 - hidden

- Status changed from To Be Closed to Closed

Files			
vn5610a.png	102 KB	2020-06-23	hidden
config.png	137 KB	2020-06-23	hidden