

Public Support - Support Request #1269

CAN-FD support in ADTF

2017-10-18 11:30 - hidden

Status:	Closed	
Priority:	Normal	
Category:		
Customer:	DAIMLER	Product Issue Numbers:
Department:	MBRDI	Affected Products: ADTF Device Toolbox 2.7.0
Requester's Priority:	Normal	Platform: Windows 7 64bit
Support Level:	3rd Level	Topic: DeviceTB::CANFD
Resolution:	No Customer Feedback	FAQ Links:

Description

Supportanfrage

Do we have CAN-FD support in ADTF?

What are the major types & sub-types for CAN-FD ?

Does the device tool-box supports CAN-FD?

What is your plan for supporting CAN-FD?

As there are no difference in the dbc format for can and can-fd, does the existng cCANDatabase class (in ADTF 2.13.x) is capable of loading a dbc containing can-fd messages and decode physical signal values from can message of length more than 8 bytes?

Lösung

Do we have CAN-FD support in ADTF?

Does the device tool-box supports CAN-FD?

What is your plan for supporting CAN-FD?

There is no support for ADTF 2.x / Device TB 2.x at the moment.
It will be provided next year but only with ADTF 3.x / Device TB 3.x

What are the major types & sub-types for CAN-FD ?

0x0200 / 0x0004

Please find the defintions in the attached file [canfd_types.h](#)

As there are no difference in the dbc format for can and can-fd, does the existng cCANDatabase class (in ADTF 2.13.x) is capable of loading a dbc containing can-fd messages and decode physical signal values from can message of length more than 8 bytes?

the CANDatabase Parser could handle the file because of same format as you mentioned.
But there will be invalid data.

As you can see if you compare the CAN and CAN-FD structures, the tCanData structure has only a data field array of 8 bytes, so the values will not be interpreted correctly.

History

#1 - 2017-10-19 09:52 - hidden

- Status changed from New to In Progress

- Topic set to DeviceTB::CANFD

- Affected Products ADTF Device Toolbox 2.7.0 added

- Platform Windows 7 64bit added

#2 - 2017-10-19 11:29 - hidden

- File *canfd_types.h* added

- Status changed from *In Progress* to *Customer Feedback Required*

Do we have CAN-FD support in ADTF?
Does the device tool-box supports CAN-FD?
What is your plan for supporting CAN-FD?

There is no support for ADTF 2.x / Device TB 2.x at the moment.
It will be provided next year but only with ADTF 3.x / Device TB 3.x

What are the major types & sub-types for CAN-FD ?

0x0200 / 0x0004

Please find the defintions in the attached file [canfd_types.h](#)

Please let me know if your question is solved and with can close this issue.

#3 - 2017-10-19 11:30 - hidden

- *Support Level* changed from *2nd Level* to *3rd Level*

#4 - 2017-10-24 10:53 - hidden

Thank you for your support.

An additional information is required.

As there are no difference in the dbc format for can and can-fd, does the existng cCANDatabase class (in ADTF 2.13.x) is capable of loading a dbc containing can-fd messages and decode physical signal values from can message of length more than 8 bytes?

#5 - 2017-10-30 13:07 - hidden

Dear Murali,

the CANDatabase Parser could handle the file because of same format as you mentioned.

But there will be invalid data.

As you can see if you compare the CAN and CAN-FD structures, the tCanData structure has only a data field array of 8 bytes, so the values will not be interpreted correctly.

#6 - 2017-11-03 13:21 - hidden

Hello Murali,

are there any questions left? This ticket seems to be solved.

Please give us a short feedback, so we can close this ticket on 06.11.2017.

#7 - 2017-11-08 15:43 - hidden

- *Description* updated

- *Status* changed from *Customer Feedback Required* to *To Be Closed*

- *Resolution* set to *No Customer Feedback*

#8 - 2017-11-08 15:43 - hidden

- *Status* changed from *To Be Closed* to *Closed*

#9 - 2018-01-25 11:55 - hidden

- *Project* changed from *9* to *Public Support*

- *Private* changed from *Yes* to *No*

Files

canfd_types.h

14.4 KB

2017-10-19

hidden