Instructions of how to use the Decoder

Requirements
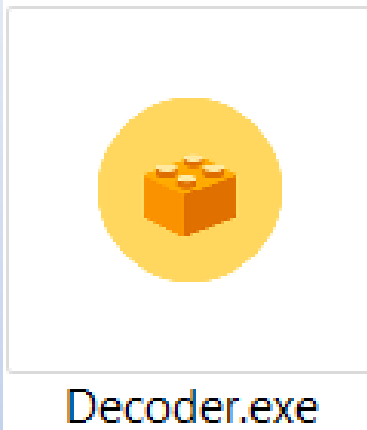
RoB files:

       - Ensure that the input file is a Text file

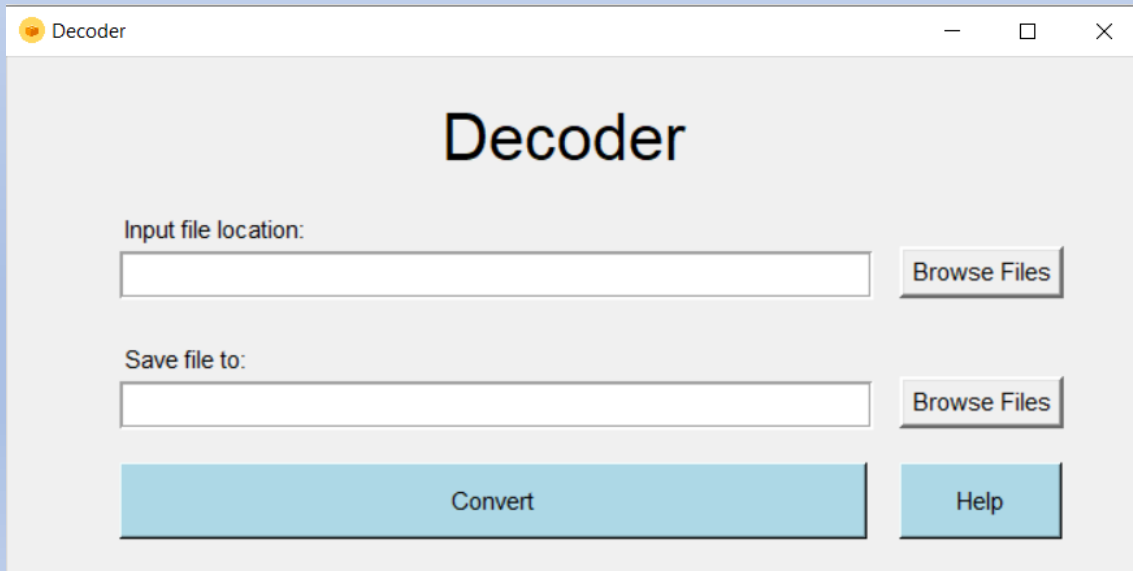Remote DTC files:

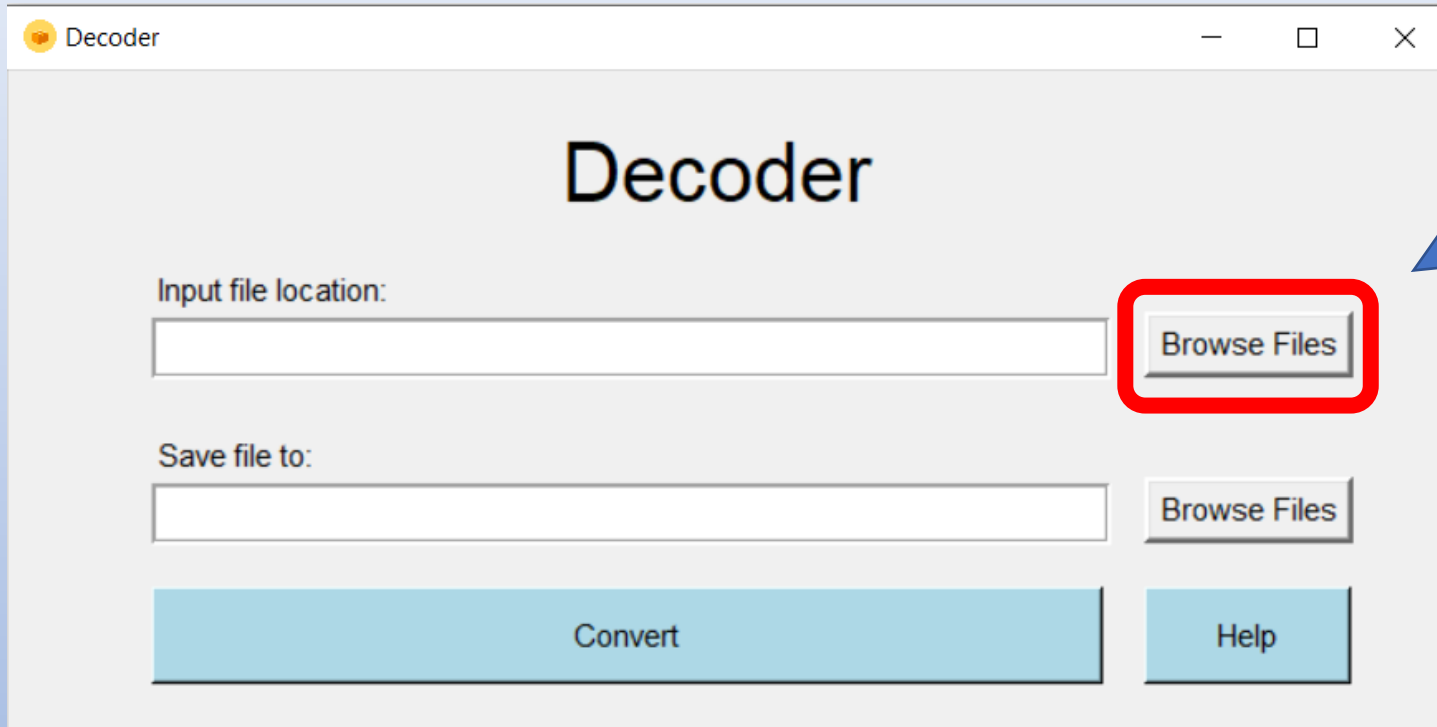   - Ensure that the input file is an Excel file

Step 1:

Decoder.exe

Click on 'Decoder.exe' to open the application

Decoder application will open
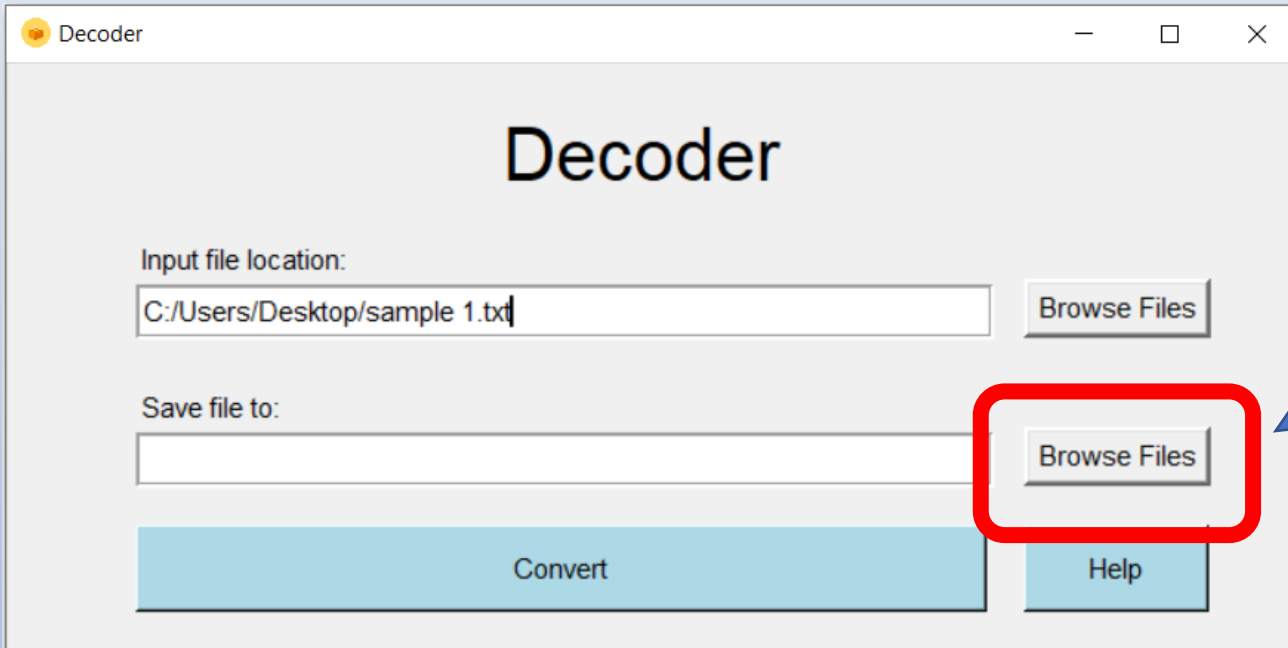
Step 2:

Click on 'Browse Files' and select the Text/Excel file or type in the full address in the box provided

Step 3:

Click on 'Browse Files' or type in the full address of the folder you would want to save the output Excel file in

Step 4:
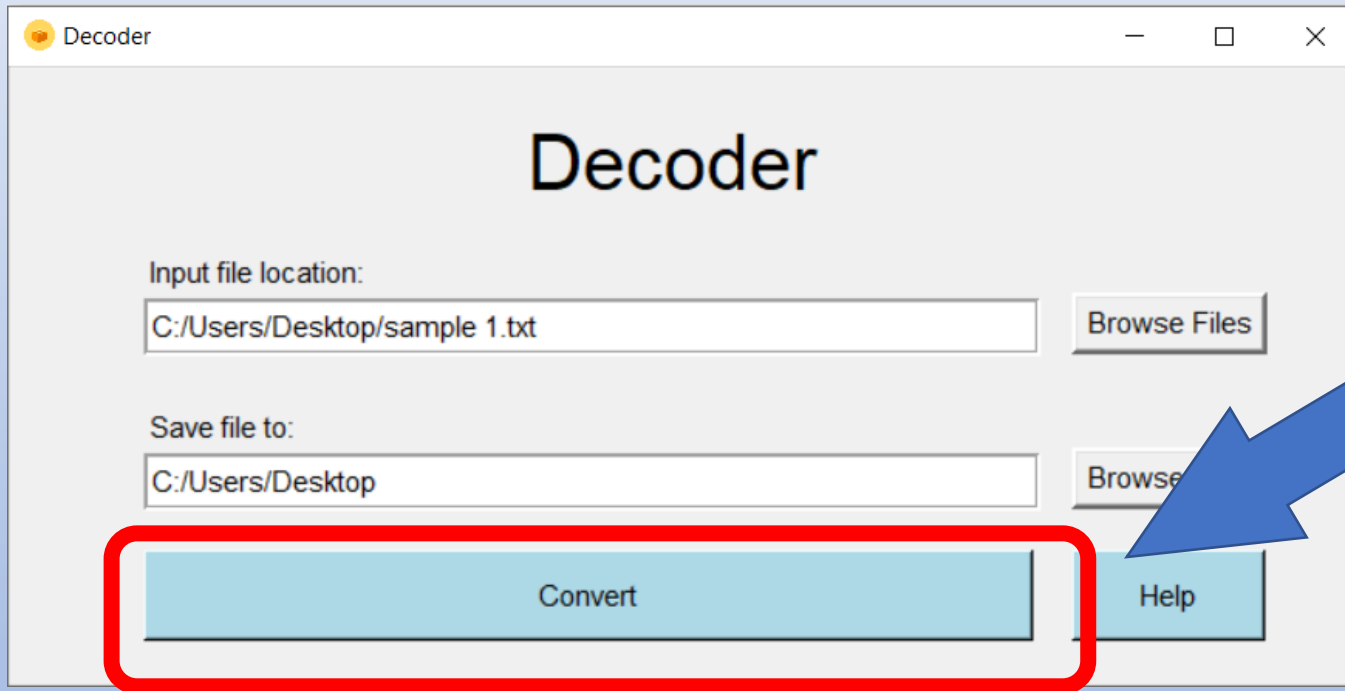
Once you have selected a text file and a destination to save the output, click on the 'Convert' button

* Refer to next slide if a warning appears

Warnings:

1

Error: Select a Destination folder!

OK
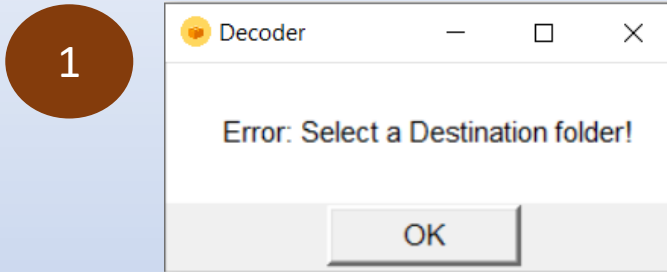
You have not selected a Destination folder to save the output Excel file at.

2

Error: Select a Text file or an Excel file!

OK
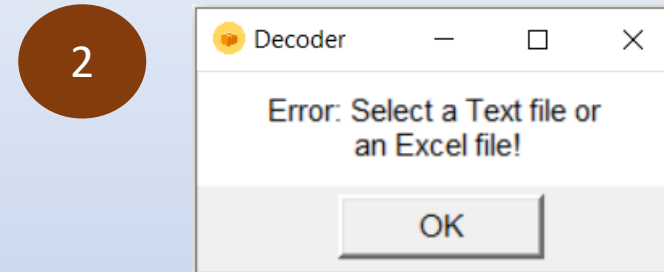
You have not selected an Input file, or you have selected a file that is not the correct file type.

3

Error: Select a Text file or an Excel file and another Destination folder!

OK
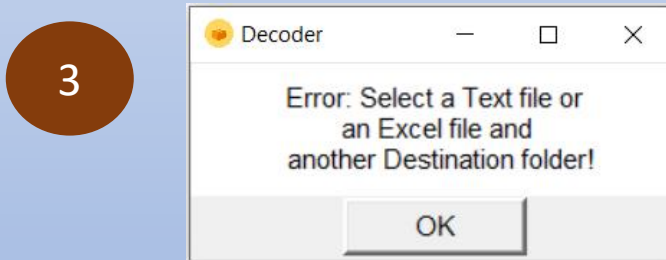
You have not selected a Text file and a Destination folder to save the output Excel file at.

4

Error: Select another Destination folder!

OK
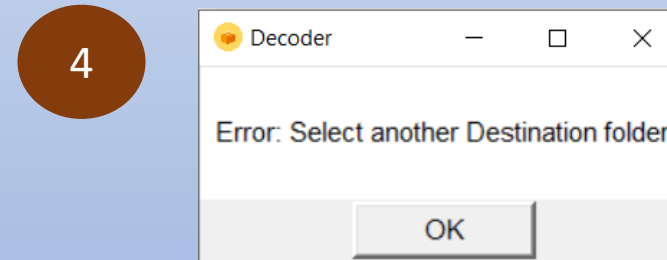
The app does not have permission to access the directory

Step 5:

Wait for the Excel file 'RoB_DTC-(Input filename)-(Date)-(Time)' / 'Remote_DTC-(Input filename)-(Date)-(Time)' to open

Step 6:

Repeat steps 2 to 5 to convert more files

Expected types of output for Text file:

Positive Response: Name of RoB and hex data

VIN DISCREPANCY ABNORMALITY DETECTION

Record #1						

Timestamp		**Length**	**Trip Counter**	**Time Counter**		**Master Sync Info**
0x05	0x01	7	7	22200		0x01

Accumulated Distance		**Length**	**Unit**	**Cumulative Mileage**		
0x05	0x02	0x04	0x01	0x00	0x00	0x00

Time		**Length**	**Year**	**Month**	**Day**	**Hour**	**Minute**	**Second**
0x05	0x07	6	21	3	16	0	28	19

+B voltage		**Length**	**Voltage Data**	
0x50	0x01	0x02	0x06	0xE3

Negative Response: Name of RoB and reason (all negative responses will be

collated and appear at the bottom of the Excel file)

NEGATIVE RESPONSES:

|	
Communication blackout from BDB: Conditions not correct	
VIN discrepancy abnormality detection: Conditions not correct	

Expected types of output for Excel file:

Positive Response:

Phase 5 (standard)			
Record #1			
ECU	0x10	Response	Normal
SID	59	Sub-Function	02
Number of DTC	2	DTCStatusAvailabilityMask	ff
DTC		Status	
0x011015		af	
0x010014		af	

Negative Response:

Phase 5 (standard)
No DTCs found in Phase 5 (standard)

Step 7:
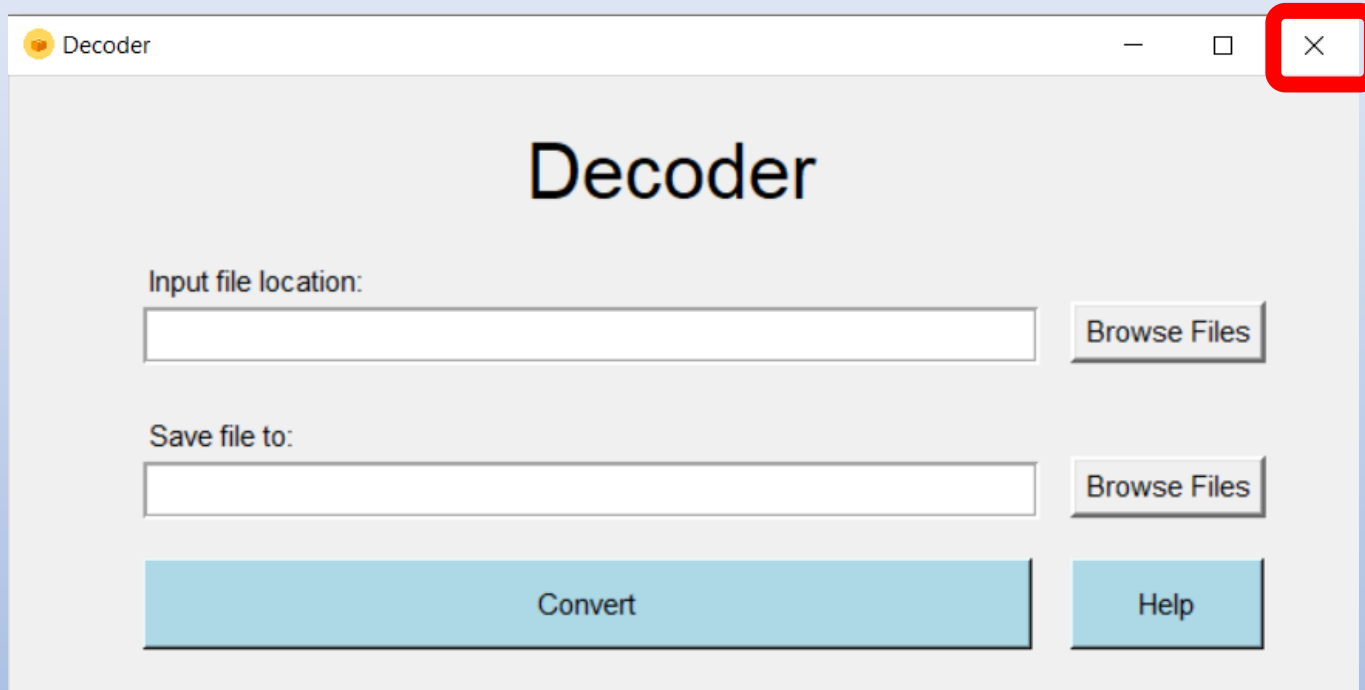
Close once you have finish converting all the necessary files to exit the application