

CAN Signal Save Tool

ASW CH2

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CAN Signal Save Tool

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1. Overview

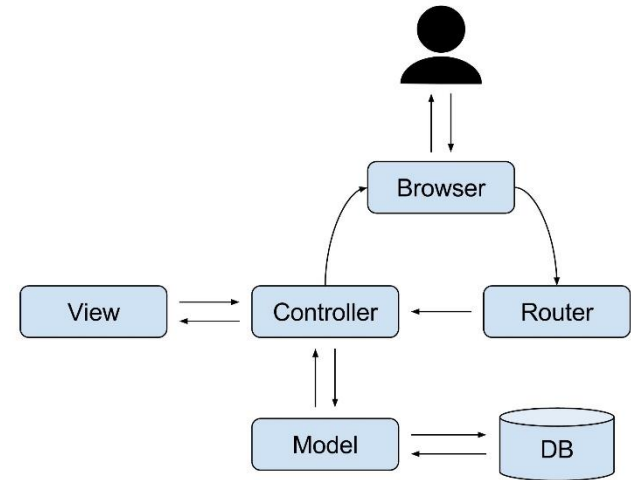
-Message : TPMS11, CGW1, ADAS_CMD_10_1_20ms 등...

-Signal : PRESSURE_RR, UNIT, STATUS_TPMS 등...

The screenshot shows a configuration window titled "TPMS11". It has a toolbar with "TX one-shot", "Repetition Times : 3", "Enable Cyclic TX" (checked), "Interval : 200 msec", "Apply", "Dock", and "X" buttons. Below the toolbar is a table with 12 rows of signal configurations. Each row contains a signal name, two numeric fields (both set to 0), a unit field (all set to 1), a status field (all set to 1), a "Sweep" checkbox (all unchecked), and a "Sweep" button.

Signal	Field 1	Field 2	Unit	Status	Sweep	Sweep
PRESSURE_RR	0	0	1	1	<input type="checkbox"/>	Sweep
PRESSURE_RL	0	0	1	1	<input type="checkbox"/>	Sweep
PRESSURE_FR	0	0	1	1	<input type="checkbox"/>	Sweep
PRESSURE_FL	0	0	1	1	<input type="checkbox"/>	Sweep
UNIT	0	0	1	1	<input type="checkbox"/>	Sweep
STATUS_TPMS	0	0	1	1	<input type="checkbox"/>	Sweep
POS_RR_W_LAMP	0	0	1	1	<input type="checkbox"/>	Sweep
POS_RL_W_LAMP	0	0	1	1	<input type="checkbox"/>	Sweep
POS_FR_W_LAMP	0	0	1	1	<input type="checkbox"/>	Sweep
POS_FL_W_LAMP	0	0	1	1	<input type="checkbox"/>	Sweep
TREAD_W_LAMP	0	0	1	1	<input type="checkbox"/>	Sweep
TPMS_W_LAMP	0	0	1	1	<input type="checkbox"/>	Sweep

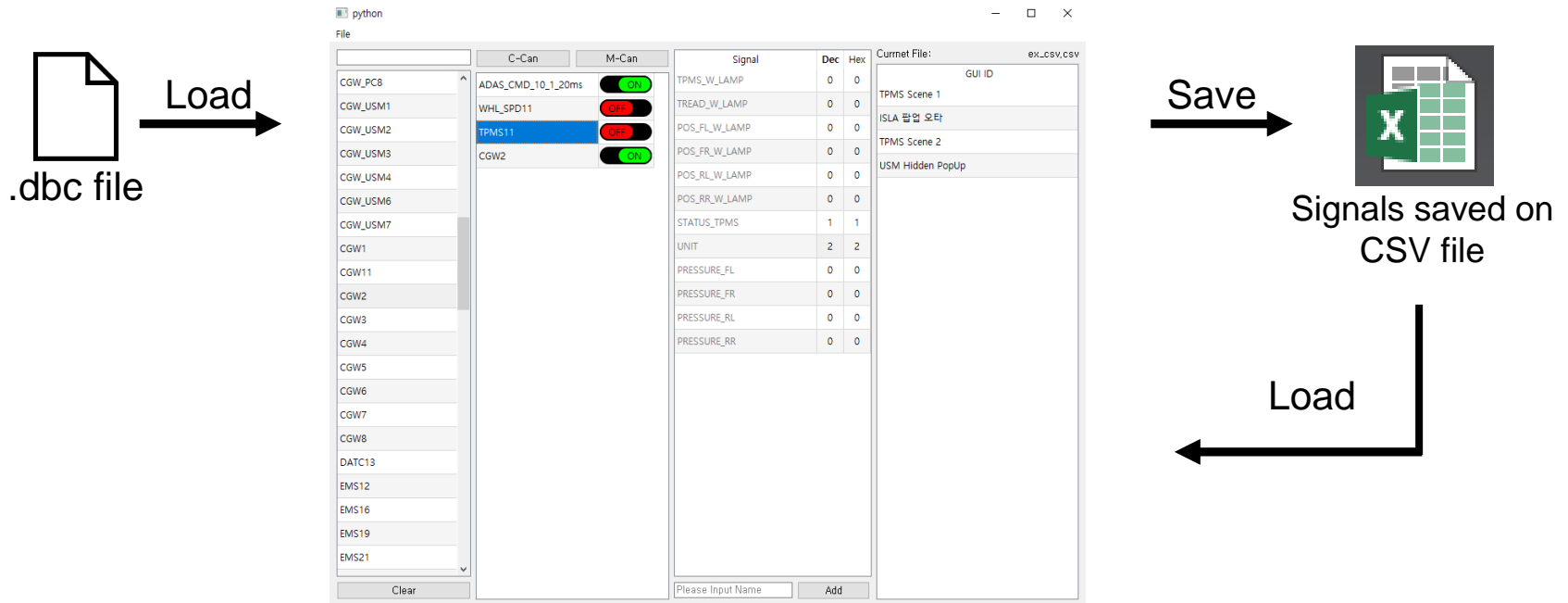
model



1. Overview

-CAN TMS 와 기본적으로 같은 기능을 수행

-신호를 저장하는 기능을 강화



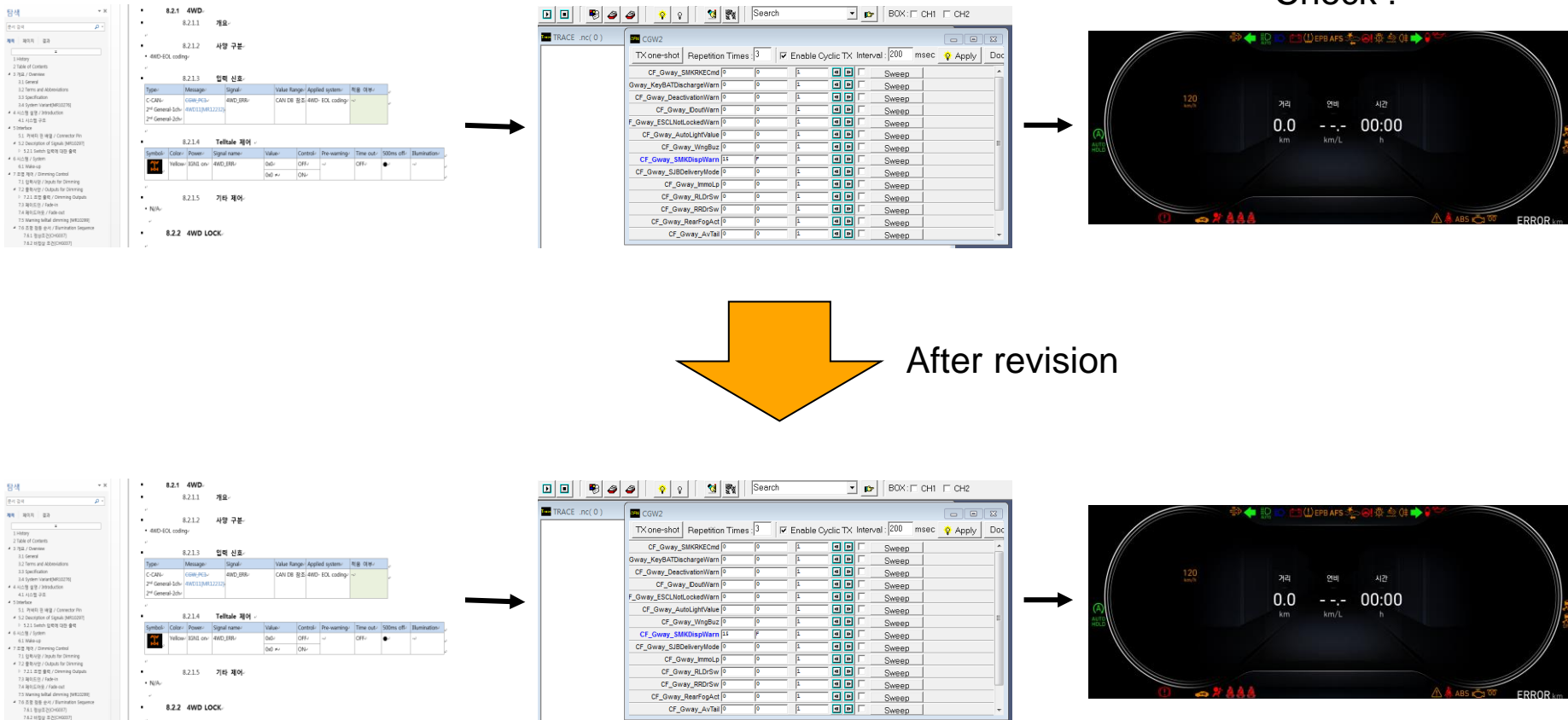
2. Motive

<Language Test Process with this Tool>

Find Signal name & Value
(기능요구사항서 참조)

Input Signal name & Value
(CANTMS.exe)

Check !



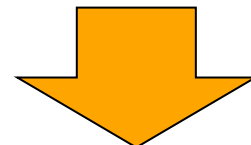
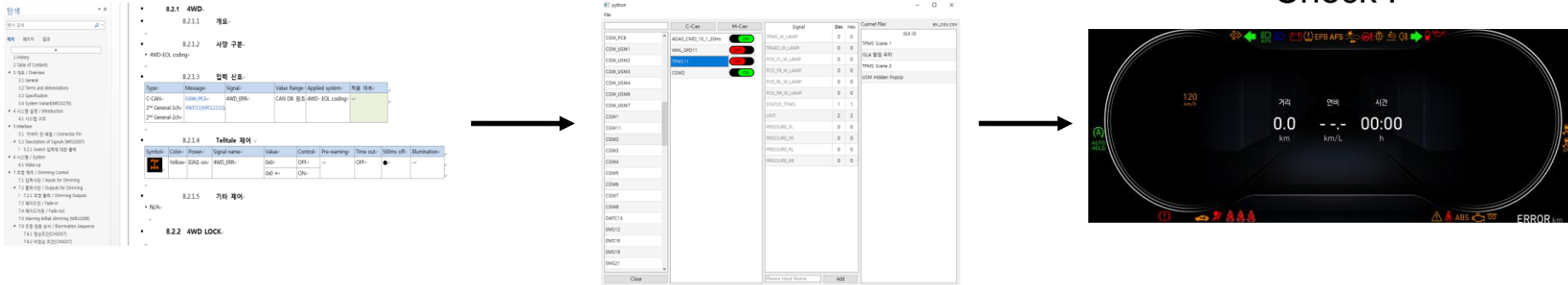
3. Benefits

< Current Language Test Process >

Find Signal name & Value
(기능요구사항서 참조)

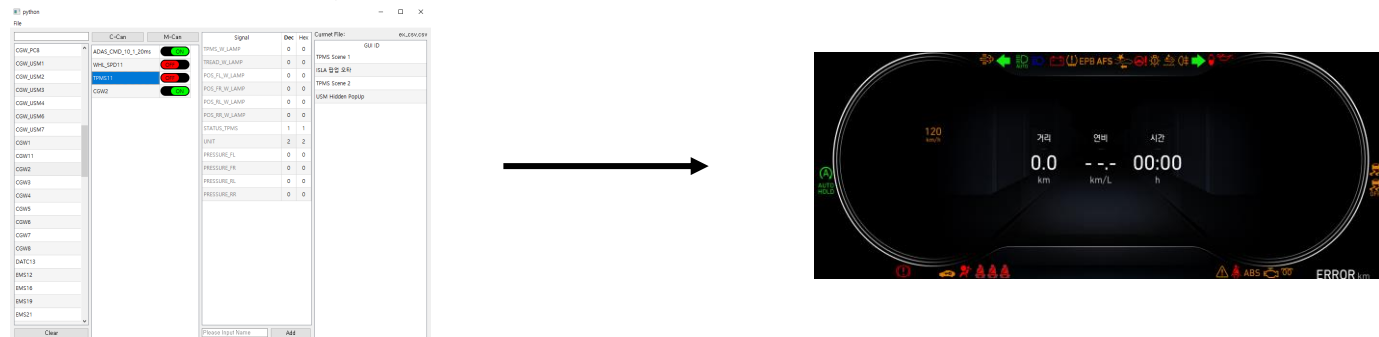
Input Signal name & Value
Save

Check !

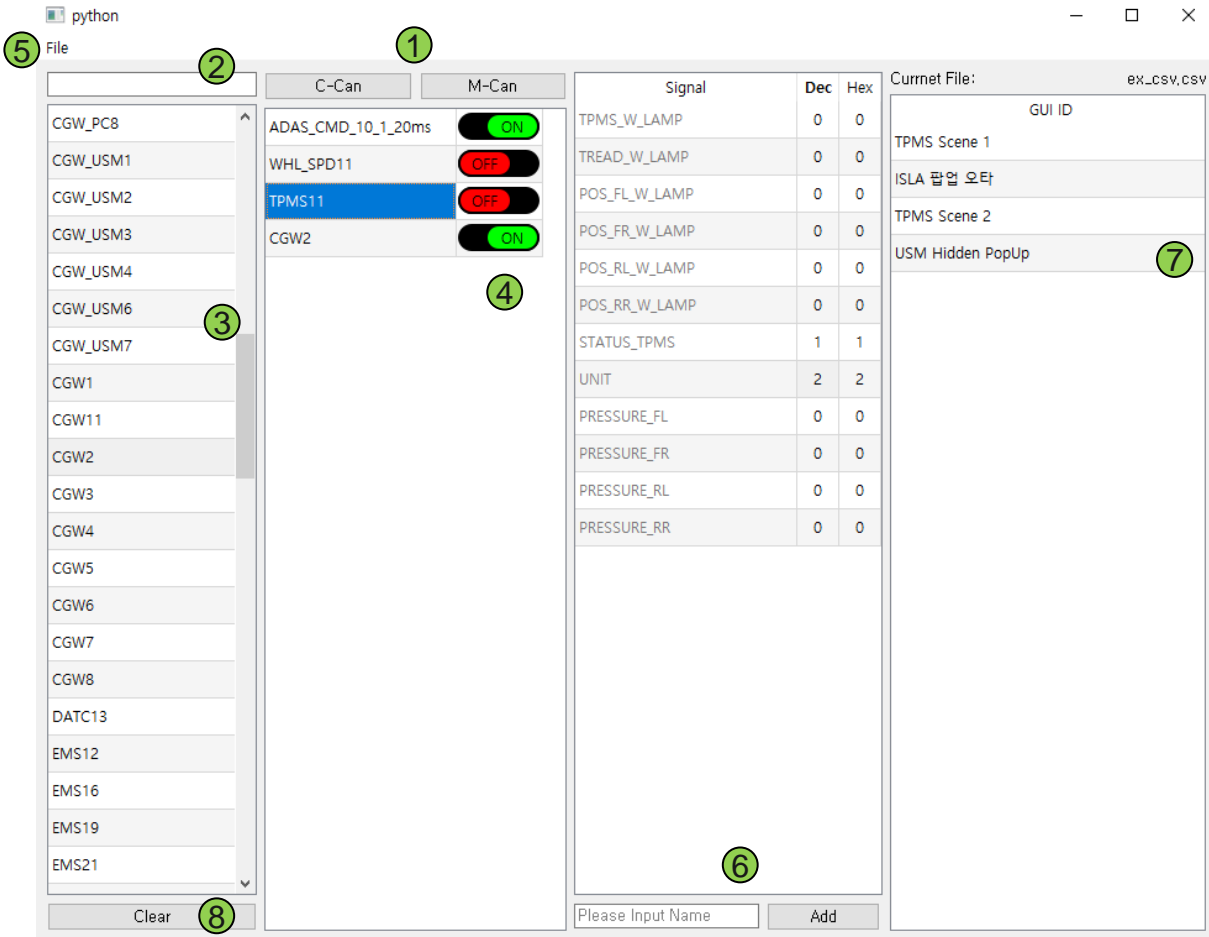


After revision

Click saved messages



4. Program Description



1. Dbc 파일 로드

2. 검색창(Message, Signal 모두 가능)
- Message 와 Signal 로 모두 검색 가능

3. 툴팁으로 Signal 표시

4. 스위치로 Message 별 전송/중단 가능

5. 저장하거나 불러올 csv 파일 선택

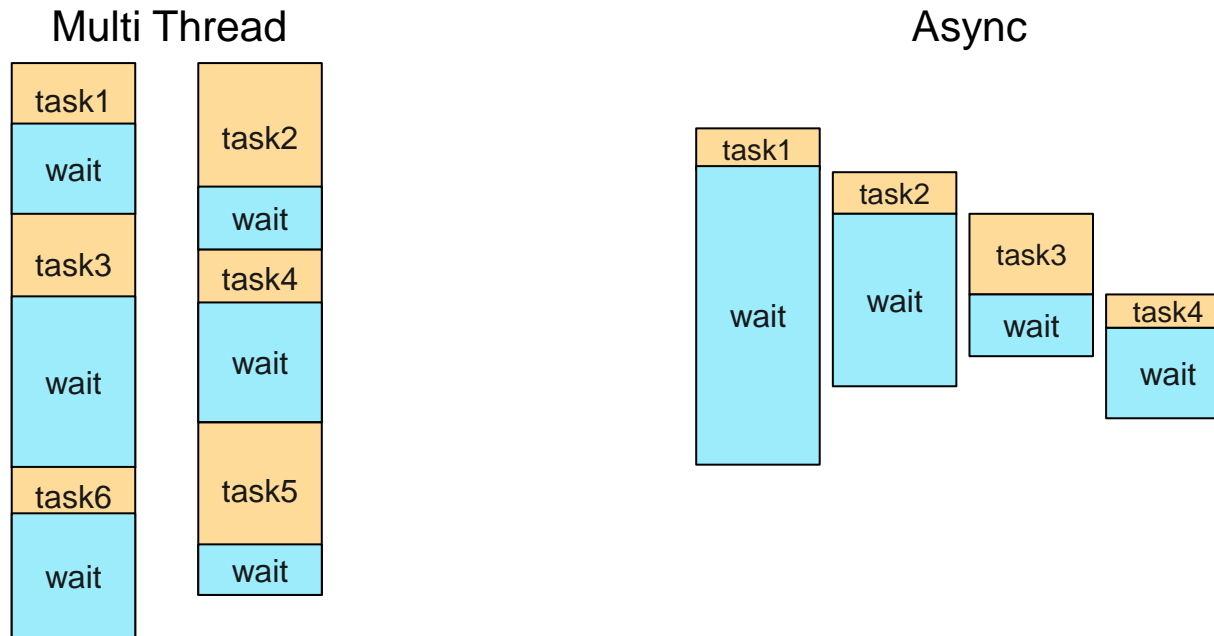
6. 저장할 이름 선택 후 Add으로 추가

7. 목록에서 선택하여 Message 로드

8. Clear 버튼으로 초기화

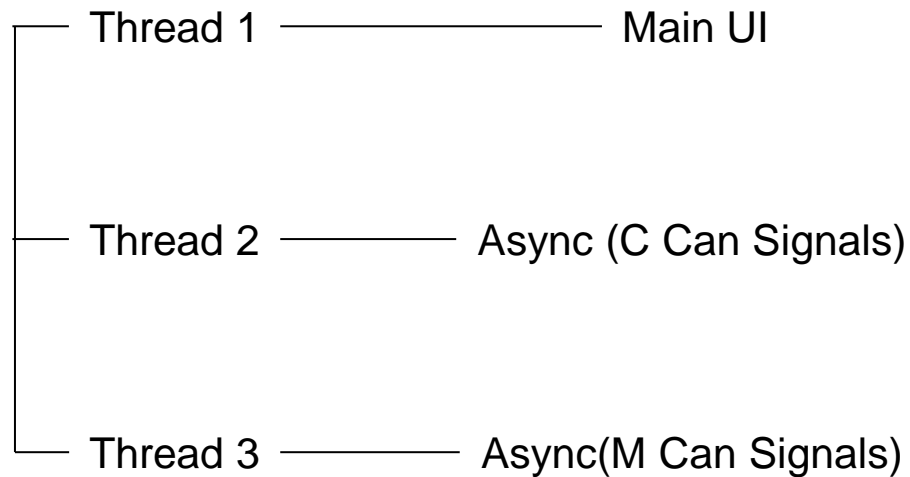
4. Program Description

-멀티 쓰레드(Thread) 와 비동기(Async)



4. Program Description

-멀티 쓰레드(Thread) 와 비동기(Async)



5. Implementation





















6. Further Developments

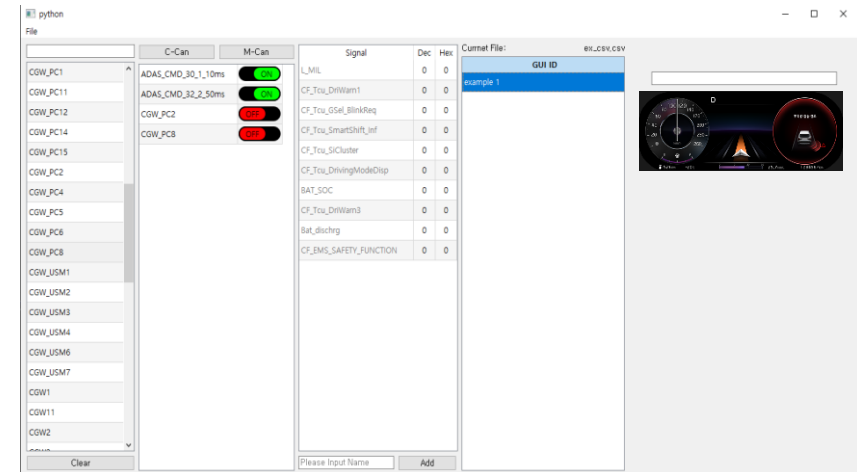
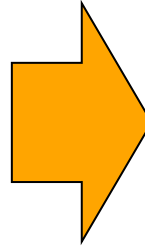
- Make .py into .exe file by using pyinstaller
- No need to install python interpreter
- Easy to share

6. Further Developments

- Since the Graphic Specification file is slow and heavy...

DOF					Camera				Explos			
Group	Unit	Model	Level	File	4.275~4.4	4.286~4.4	4.291~4.4	4.296~4.4	4.301~4.4	4.306~4.4	4.311~4.4	4.316~4.4
Training Operations	1-8	SRK	1~4	SRK_CPL_Smk_Cam_Smk_L14_2							2018	4월 10일
Training Operations	1-8	SRK	1~8	SRK_CPL_Smk_Cam_Smk_L14_2							2018	4월 10일
Training Operations	1-8	SRK	1~8	SRK_CPL_Smk_Cam_Smk_L14_2							2018	4월 10일

그래픽 사양서



- Using **Openpyxl**, **Openpyxl_image_loader** package
- Load image only what user wants by add searchbox

6. Further Developments

- Find error cases & debug errors
- Improve design
- Make program universal with any dbc file and vector device

Thank you
for your attention!