

libcampo - Feature #565

config description

10.09.2024 15:40 - Maximilian Seesslen

Status:	Erledigt	Beginn:	10.09.2024
Priorität:	Normal	Abgabedatum:	
Zugewiesen an:	Maximilian Seesslen	% erledigt:	0%
Kategorie:		Geschätzter Aufwand:	0.00 Stunde
Zielversion:	v0.5.0	Aufgewendete Zeit:	0.00 Stunde
CS Zielversion:			

Beschreibung VAGUS_USE_UID Support for biwak UID. NMT can change NodeID by UID. CollectHwData can store it so production data can be collected. VAGUS_INSTANCIATE_EEPROM Create an own instance of an eeprom object. This is needed when your arena application does not contain the eeprom. VAGUS_USE_HEARTBEAT Create an instance of CHeartBeat. "Beacon" command is implemented. VAGUS_USE_HEARTBEAT_EVENTS Support events. The event code will be send via CAN. VAGUS_EEPROM_WIDTH_DETECT VAGUS_EEPROM_WIDTH_8BIT VAGUS_EEPROM_WIDTH_16BIT Configure the address width of the eeprom VAGUS_TRAFFIC_LED Use an LED for CAN traffic. It will blink whenever messages are received or send. The name of the LED has to be "m_ledTraffic". VAGUS_CAN_EVENTLOOP Vagus should take care about handling incoming can messages. VAGUS_HANDLE_STATUS Send status information via TDT whenever it changes or periodically. VAGUS_USE_OPERATINGTIME Store operating time in eeprom periodically. VAGUS_USE_BRINGUP support writeHwData, readHwData and collectHwData VAGUS_SEND_CONFIG Sending config on nmtSendConfig command. VAGUS_CUSTOM_SEND_CONFIG implement an own sendConfig(). When VAGUS_SEND_CONFIG is also set, the sendConfig() from CVagus will be called first and then call the customers sendConfig(). VAGUS_CUSTOM_DIGEST_SEND_OBJECT implement an own digestSendObject(). Whenever another node sends an object like temperature value, you can catch it here. VAGUS_CUSTOM_DIGEST_WRITE_OBJECT implement an own digestWriteObject(). The digestWriteObject() from CVagus will be called first and then call the customers digestWriteObject(). VAGUS_USE_BOOTCOUNTER Handle boot counter. It will be updated on every boot. VAGUS_HANDLE_FLAGS	
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Handling flags stored in eeprom. At the moment only auto reboot is available.

VAGUS_WRITE_NODEID

Handle writing the nodeId-Object directly. NMT can be used now.

VAGUS_CUSTOM_BUS

An custom transmit() is implemented. CANBridge needs this. Whenever vagus wants to transmits an message like sending configuration, it also has to be send via other channel.

Historie

#1 - 11.09.2024 13:31 - Maximilian Seesslen

```
/**
 * \defgroup configs Configuration defines
 * @{
 */

/**
 * @def VAGUS_USE_UID
 *
 * Support for biwak UID. NMT can change NodeID by UID. CollectHwData can store it so production data can
 * be collected.
 */
#define VAGUS_USE_UID

/**
 *
 * @def VAGUS_INSTANCIATE_EEPROM
 *
 * Create an own instance of an eeprom object. This is needed when your arena application does not contain the eeprom.
 */
#define VAGUS_USE_HEARTBEAT
/* Create an instance of CHeartBeat. "Beacon" command is implemented. */

#define VAGUS_USE_UID
#define VAGUS_INSTANCIATE_EEPROM
#define VAGUS_USE_HEARTBEAT

/**
 * @}
 */
```

#2 - 11.09.2024 20:29 - Maximilian Seesslen

- Status wurde von Neu zu Erledigt geändert
- Zugewiesen an wurde auf Maximilian Seesslen gesetzt
- Zielversion wurde auf v0.5.0 gesetzt