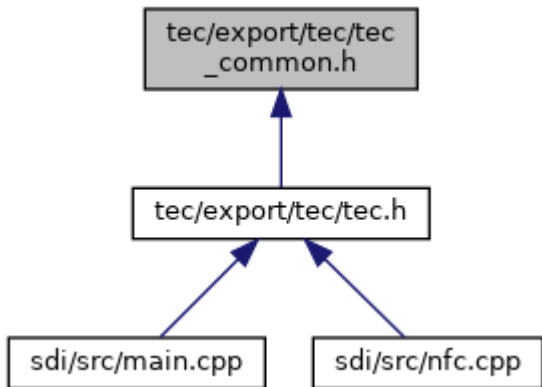


tec_common.h File Reference

This graph shows which files directly or indirectly include this file:



[Go to the source code of this file.](#)

Macros

```
#define CTS\_CHIP 1
#define CTS\_MSR 2
#define CTS\_CTLs 4
#define CTS\_SYNC 8
#define CTS\_DATA\_TLV 0x80
#define CTS\_OK 0
#define CTS\_NO\_CHIP 1
#define CTS\_IN\_PROGRESS 2
#define CTS\_TIMEOUT 3
#define CTS\_PARAM 4
#define CTS\_NOT\_STARTED 5
#define CTS\_STOPPED 6
#define CTS\_CTLs\_INIT 7
#define CTS\_ERROR 8
#define CTS\_CTLs\_NOT\_ALLOWED 9
#define CTS\_CTLs\_EMV\_NO\_CARD 10
#define CTS\_ERR\_LOAD 11
```

```
#define CTS\_VAS\_DECRYPTION\_NOT\_REQUIRED 12
#define CTS\_VAS\_DATA\_DECRYPTED\_OK 13
#define CTS\_VAS\_DATA\_DECRYPTED\_FAILED 14
#define CTS\_UX\_MSRRDATA\_NOT\_AVAILABLE\_TIMEOUT 15
#define CTS\_NFC\_INIT 16
#define CTS\_CHIP\_WITH\_WRONG\_ATR 17
#define CTS\_API\_NOT\_ALLOWED 18
#define CTS\_VAS\_DATA\_ENCRYPTED\_OK 19
#define CTS\_UX\_NO\_MSR\_DATA\_AFTER\_CARD\_REMOVL 20
#define CTS\_MSR\_ONLY\_REQUEST\_BUT\_NO\_DEVICE 21
#define CTS\_PURE\_CARD\_DETECTION 0x01
#define CTS\_NO\_POWERON 0x02
#define CTS\_POWERON\_AFTER\_CTLMS\_MSR\_DEACTIVATION 0x04
#define CTS\_NFC\_ENABLE 0x01
#define CTS\_VAS\_ENABLE 0x02
#define CTS\_EMV\_AFTER\_NFC\_ISO 0x04
#define CTS\_VAS\_HANDLE\_LED\_BUZZ 0x08
#define CTS\_EMV\_CTLMS\_TIMEOUT\_AFTER\_VAS 0x10
#define CTS\_VAS\_DONT\_DECRYPT 0x20
#define CTS\_MSR\_AFTER\_CTLMS\_FAIL 0x40
#define CTS\_NFC\_DUTY\_CYCLE\_OFF 0x80
#define CTS\_DATA\_TAG\_NFC\_RESULT 0xDFDB20
#define CTS\_DATA\_TAG\_CARD 0xFFDB20
#define CTS\_DATA\_TAG\_CARD\_TYPE 0xDFDB21
#define CTS\_DATA\_TAG\_CARD\_INFO 0xDFDB22
#define CTS\_DATA\_TAG\_VAS\_RESULT 0xDFDB23
#define CTS\_DATA\_TAG\_VAS\_DATA 0xDFDB24
#define CTS\_DATA\_TAG\_EMV\_RESULT 0xDFDB25
#define CTS\_DATA\_TAG\_VAS\_DECRYPT\_DATA\_RESULT 0xDFDB26
#define CTS\_DATA\_TAG\_CARD\_TYPE\_FULL 0xDFDB27
#define CTS\_DATA\_TAG\_CARDS\_TOTAL\_COUNT 0xDFDB28
#define CTS\_DATA\_TAG\_CARDS\_A 0xDFDB29
#define CTS\_DATA\_TAG\_CARDS\_B 0xDFDB2A
#define CTS\_DATA\_TAG\_CARDS\_F 0xDFDB2B
#define CTS\_DATA\_TAG\_CUSTOM\_POLL\_RESULT 0xDFDB2C
#define CTS\_DATA\_TAG\_CARD\_SAK 0xDFDB2D
#define CTS\_DATA\_TAG\_CARD\_ATQ 0xDFDB2E
#define CTS\_DATA\_TAG\_CARD\_RFU 0xDFDB2F
#define CTS\_OPTION\_TAG\_APP\_ID 0xDFDB40
#define CTS\_OPTION\_TAG\_SYNC\_CARD\_TYPE 0xDFDB41
#define CTS\_OPTION\_TAG\_UX\_MSR\_TIMEOUT 0xDFDB42
```

Typedefs

typedef void(* [cts_TraceCallback](#)) (const char *str, void *data)

Functions

void [cts_Version](#) (char *version, unsigned char len)

void [cts_SetTraceCallback](#) ([cts_TraceCallback](#) cbf, void *cb_data)

Detailed Description

Interface definitions for libtec, common part for [tec.h](#). This file defines the API for the technology selection library.

Author

Dirk Germann, GSS

Macro Definition Documentation

? CTS_DATA_TLV

```
#define CTS_DATA_TLV 0x80
```

if set in usedTechnology parameter of [cts_WaitSelection\(\)](#), dataBuffer is in TLV format (this is only the case if NFC or VAS are used)

Typedef Documentation

? cts_TraceCallback

```
typedef void(* cts_TraceCallback) (const char *str, void *data)
```

Type of function that is called for traces, see [cts_SetTraceCallback\(\)](#);

Parameters

[in] str : Trace message.

[in] data : Data pointer provided by the application.

Function Documentation

[**? cts_SetTraceCallback\(\)**](#)

```
void cts_SetTraceCallback ( cts\_TraceCallback cbf,  
                           void *          cb_data  
                           )
```

Set callback function for trace output.

Parameters

[in] *cbf* : Callback function for trace messages, may be NULL.

[in] *cb_data* : Data pointer that is passed on to the callback function *cbf*, may be NULL.

[**? cts_Version\(\)**](#)

```
void cts_Version ( char *      version,  
                  unsigned char len  
                  )
```

Get version of libtec.

Parameters

[out] *version* : Buffer to store null-terminated version string.

[in] *len* : Size of buffer *version*.