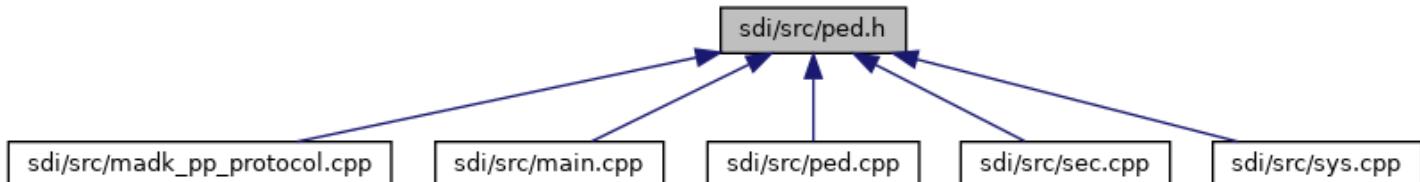


ped.h File Reference

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



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

Macros

| | |
|---------|---|
| #define | CLA_PED 0x22 |
| | Class for PED commands. More... |
| #define | INS_PED_ENABLE 0x00 |
| | Enable or Disable PED. More... |
| #define | INS_PED_GET_PIN 0x01 |
| | Request PIN from user. More... |
| #define | INS_SET_PIN_TIMEOUT 0x02 |
| | Configure timeout for PIN entry. More... |
| #define | INS_PED_START_PIN 0x03 |
| | Start PIN entry (polling interface) More... |
| #define | INS_PED_POLL_PIN 0x04 |
| | Poll PIN entry status (polling interface) More... |
| #define | INS_PED_STOP_PIN 0x05 |
| | Stop PIN entry (polling interface) More... |
| #define | INS_SET_PIN_INPUT_PARAM 0x06 |
| | Configure PIN input parameter. More... |

Functions

| | |
|------|--|
| bool | handlePedCmd (unsigned short msgBufSize, unsigned char *msg, unsigned short msgSize, unsigned short rspBufSize, unsigned char *rsp, unsigned short *rspSize) |
| bool | pedSetExtButton (void) |
| void | pedReset (void *handle) |

Macro Definition Documentation

◆ CLA_PED

```
#define CLA_PED 0x22
```

Class for PED commands.

◆ INS_PED_ENABLE

```
#define INS_PED_ENABLE 0x00
```

Enable or Disable PED.

◆ INS_PED_GET_PIN

```
#define INS_PED_GET_PIN 0x01
```

Request PIN from user.

◆ INS_PED_POLL_PIN

```
#define INS_PED_POLL_PIN 0x04
```

Poll PIN entry status (polling interface)

◆ INS_PED_START_PIN

```
#define INS_PED_START_PIN 0x03
```

Start PIN entry (polling interface)

◆ **INS_PED_STOP_PIN**

```
#define INS_PED_STOP_PIN 0x05
```

Stop PIN entry (polling interface)

◆ **INS_SET_PIN_INPUT_PARAM**

```
#define INS_SET_PIN_INPUT_PARAM 0x06
```

Configure PIN input parameter.

◆ **INS_SET_PIN_TIMEOUT**

```
#define INS_SET_PIN_TIMEOUT 0x02
```

Configure timeout for PIN entry.

Function Documentation

◆ **handlePedCmd()**

| | | | |
|-------------------|---|------------------|--------------------|
| bool handlePedCmd | (| unsigned short | <i>msgBufSize,</i> |
| | | unsigned char * | <i>msg,</i> |
| | | unsigned short | <i>msgSize,</i> |
| | | unsigned short | <i>rspBufSize,</i> |
| | | unsigned char * | <i>rsp,</i> |
| | | unsigned short * | <i>rspSize</i> |
| |) | | |

Dispatch function to handle different PED commands

Parameters

| | | |
|----------|------------|--------------------------------------|
| [in] | msgBufSize | size of the input message buffer |
| [in] | msg | pointer to the input message buffer |
| [in] | msgSize | size of the input message |
| [in] | rspBufSize | maximum size of the response buffer |
| [in,out] | rsp | pointer to the response buffer |
| [in,out] | rspSize | pointer to the response message size |

Returns

true if command was executed and rsp contains a response, false in case invocation is not allowed by a side command.

◆ pedReset()

| | | | | |
|---------------|---|--------|--------|---|
| void pedReset | (| void * | handle |) |
|---------------|---|--------|--------|---|

Function invoked by a thread at connection termination to abort the PIN entry. SDI server supports multiple connections, which can use the PED interface. With activation of the PED interface with command 22-03 (Start PIN entry) on one connection, the interface is locked for other connections. If a connection terminates, which obtains the PED lock, the interface would be unaccessible for other connections. Therefore, this function will abort the PIN entry and unlock the PED interface, if the connection disturbs so that it can be used by other connection again. Please note that this function works for a PIN Entry started by 22-03 (Start PIN entry). A PIN entry started with 22-01 (Get PIN) is not considered, but the PED lock is released after the user has finished the PIN entry.

Parameters

| | | |
|------|--------|--------------------------------------|
| [in] | handle | handle of the terminating connection |
|------|--------|--------------------------------------|

◆ pedSetExtButton()

| | | | |
|------|---|------|---|
| bool | (| void |) |
|------|---|------|---|

Inform the VAULT about the Confirm button was pressed if PIN polling is active and Navigator Mode 2 is set

Returns

true if PIN polling is active and Navigator Mode 2 set, else false