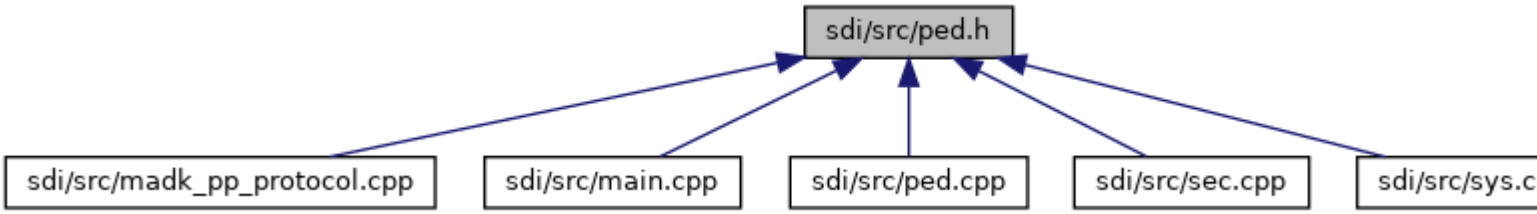
ped.h File Reference

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   msgBufSize,
                    unsigned char *  msg,
                    unsigned short   msgSize,
                    unsigned short   rspBufSize,
                    unsigned char *  rsp,
                    unsigned short * rspSize
                  )
```

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 optains the PED lock, the interface would be unaccessable for other connections. Therfore, this function will abort the PIN entry and unlock the PED interface, if the connection disturbes 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 hast finished the PIN entry.

Parameters

[in] handle handle of the terminating connection

? pedSetExtButton()

bool pedSetExtButton (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