tracefilter.h File Reference
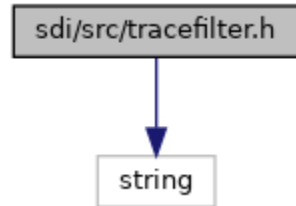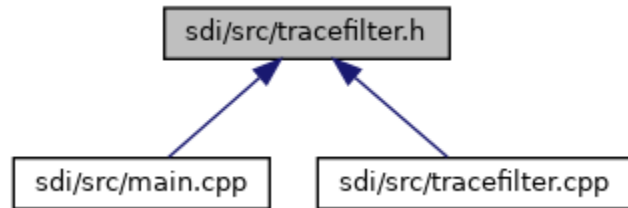
`#include <string>`
Include dependency graph for tracefilter.h:

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

Go to the source code of this file.

Functions	
void	filterCommand (const unsigned char *cmd, unsigned cmdSize, std::string &out)
void	filterResponse (const unsigned char *cmd, unsigned cmdSize, const unsigned char *rsp, unsigned rspSize, std::string &out)

Function Documentation

◆ filterCommand()

void filterCommand	(	const unsigned char *	cmd,
		unsigned	cmdSize,
		std::string &	out
	)		

Prepare and SDI command for trace and return a hexdump as STL string for it. For release build variants of SDI a trace filter is applied to command data to wipe out values of TLV tags containing sensitive data. For debug build variant the trace filter is disabled by default (use -DTRACE_FILTER to activate).

Parameters

[in]	cmd	pointer to SDI command buffer (starting wich class/instruction)
[in]	cmdSize	size of command data in buffer *cmd*
[out]	out	hexdump of SDI command as STL string

The size of the hexdump is basically limited by MAX_TRACE_MSG_SIZE in tracefilter.cpp.

◆ filterResponse()

void filterResponse	(	const unsigned char *	*cmd*,
		unsigned	*cmdSize*,
		const unsigned char *	*rsp*,
		unsigned	*rspSize*,
		std::string &	*out*
	)		

Prepare and SDI response for trace and return a hexdump as STL string for it. For release build variants of SDI a trace filter is applied to response data to wipe out values of TLV tags containing sensitive data. For debug build variant the trace filter is disabled by default (use -DTRACE_FILTER to activate).

Parameters

[in]	cmd	pointer to SDI command buffer (starting wich class/instruction)
[in]	cmdSize	size of command data in buffer *cmd*
[in]	rsp	pointer to SDI response buffer (starting wich class/instruction)
[in]	rspSize	size of response data in buffer *rsp*
[out]	out	hexdump of SDI response as STL string

The size of the hexdump is basically limited by MAX_TRACE_MSG_SIZE in tracefilter.cpp.