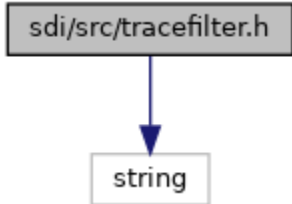


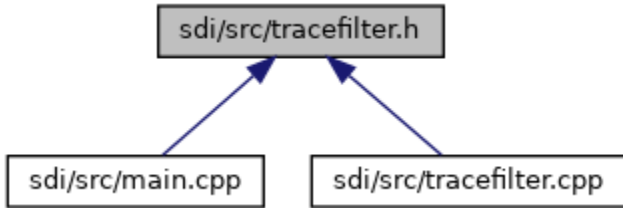
tracefilter.h File Reference

```
#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 * | <i>cmd</i> , |
| | | unsigned | <i>cmdSize</i> , |
| | | std::string & | <i>out</i> |
| |) | | |

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 with class/instruction) |
| [in] | cmdSize | size of command data in buffer <i>cmd</i> |
| [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 * | <i>cmd,</i> |
| | | unsigned | <i>cmdSize,</i> |
| | | const unsigned char * | <i>rsp,</i> |
| | | unsigned | <i>rspSize,</i> |
| | | std::string & | <i>out</i> |
| |) | | |

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 with class/instruction) |
| [in] | cmdSize | size of command data in buffer <i>cmd</i> |
| [in] | rsp | pointer to SDI response buffer (starting with class/instruction) |
| [in] | rspSize | size of response data in buffer <i>rsp</i> |
| [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](#).