

libosmosdr

0.1.20151211

Generated by Doxygen 1.8.17

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Chapter 1

Data Structure Index

1.1 Data Structures

Here are the data structures with brief descriptions:

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Chapter 2

Data Structure Documentation

2.1 osmosdr_dev Struct Reference

Data Fields

- libusb_context * **ctx**
- struct libusb_device_handle * **devh**
- uint32_t **xfer_buf_num**
- uint32_t **xfer_buf_len**
- struct libusb_transfer ** **xfer**
- unsigned char ** **xfer_buf**
- osmosdr_read_async_cb_t **cb**
- void * **cb_ctx**
- enum osmosdr_async_status **async_status**
- uint32_t **rate**
- uint32_t **adc_clock**
- **osmosdr_tuner_t** * **tuner**
- uint32_t **freq**
- int **gain**

The documentation for this struct was generated from the following file:

- src/libosmosdr.c

2.2 osmosdr_dongle Struct Reference

Data Fields

- uint16_t **vid**
- uint16_t **pid**
- const char * **name**

The documentation for this struct was generated from the following file:

- src/libosmosdr.c

2.3 osmosdr_tuner Struct Reference

Data Fields

- `int(* init)(void *)`
- `int(* exit)(void *)`
- `int(* set_freq)(void *, uint32_t freq)`
- `int(* set_bw)(void *, int bw)`
- `int(* set_gain)(void *, int gain)`
- `int(* set_gain_mode)(void *, int manual)`

The documentation for this struct was generated from the following file:

- `src/libosmosdr.c`

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