libmirisdr

0.0.20130608

Generated by Doxygen 1.8.5

Wed Nov 2 2016 10:01:08

Contents

1 Data Structure Index **1**

1.1 Data Structures 1

2 Data Structure Documentation **3**

2.1 iffreqs_ Struct Reference 3

2.2 mirisdr_dev Struct Reference 3

2.3 mirisdr_dongle Struct Reference 4

2.4 mirisdr_tuner Struct Reference 4

2.5 r0_modes_ Struct Reference 4

2.6 state Struct Reference 4

Index **6**

Chapter 1

Data Structure Index

1.1 Data Structures

Here are the data structures with brief descriptions:

iffreqs_ 3
mirisdr_dev 3
mirisdr_dongle 4
mirisdr_tuner 4
r0_modes_ 4
state 4

Chapter 2

Data Structure Documentation

2.1 iffreqs_ Struct Reference

Data Fields

- uint32_t **xtalfreq**
- uint32_t **fref1**
- uint32_t **fif1**

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

- include/tuner_msi001.h

2.2 mirisdr_dev Struct Reference

Data Fields

- libusb_context * **ctx**
- struct libusb_device_handle * **devh**
- uint32_t **xfer_buf_num**
- uint32_t **xfer_iso_pack**
- uint32_t **xfer_buf_len**
- struct libusb_transfer ** **xfer**
- unsigned char ** **xfer_buf**
- mirisdr_read_async_cb_t **cb**
- void * **cb_ctx**
- enum mirisdr_async_status **async_status**
- uint32_t **rate**
- uint32_t **adc_clock**
- **mirisdr_tuner_t** * **tuner**
- uint32_t **freq**
- int **gain**
- int **headerflag**
- uint32_t **addr**

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

- src/libmirisdr.c

2.3 mirisdr_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/libmirisdr.c

2.4 mirisdr_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/libmirisdr.c

2.5 r0_modes_ Struct Reference

Data Fields

- char * **bits**
- unsigned char **value**
- char * **name**
- unsigned char **lodiv**

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

- include/tuner_msi001.h

2.6 state Struct Reference

Data Fields

- enum mode **m**
- enum xtal **x**
- double **freq_hz**
- uint32_t **minus_bbgain**
- enum am_mixgainred **am_mixgainred**
- uint32_t **mixl**

- uint32_t **lnagr**
- uint32_t **reg** [6]

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

- include/tuner_msi001.h

Index

iffreqs_, 3

mirisdr_dev, 3
mirisdr_dongle, 4
mirisdr_tuner, 4

r0_modes_, 4

state, 4