

My Project

2.0

Generated by Doxygen 1.8.11

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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 `fault_t` Struct Reference

Data Fields

- int **chipIDx**
- int **chipIDy**
- int **coreID**
- int **trialNum**
- int **repNum**
- int **orig_size**
- int **enc_size**
- int **drop_eof**
- int **orig_drop_pkt**
- int **orig_mod_pkt**
- int **orig_mod_val**
- int **enc_drop_pkt**
- int **enc_mod_pkt**
- int **enc_mod_val**
- int **drop_ack**

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

- `/Users/patrick/Development/spinnaker-code/emc_final/emc.c`

2.2 `info_rx_t` Struct Reference

Data Fields

- volatile uint **trial_num**
- volatile uint **stream_num**
- volatile uint **org_array_size**
- volatile uint **enc_array_size**
- volatile uint **dec_array_size**
- volatile ushort **decode_time**
- volatile uchar **enc_dec_match**

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

- `/Users/patrick/Development/spinnaker-code/emc_final/emc.c`

2.3 info_tx_t Struct Reference

Data Fields

- volatile uint **trial_num**
- volatile uint **progress** [12]
- volatile uint **org_array_size**
- volatile uint **enc_array_size**
- volatile uint **dec_array_size**
- volatile ushort **encode_time**
- volatile ushort **decode_time**
- volatile uchar **enc_dec_match**

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

- /Users/patrick/Development/spinnaker-code/emc_final/emc.c

2.4 sdram_rx_t Struct Reference

Data Fields

- uint **orig_size**
- uint **enc_size**
- uint **stream_end**
- unsigned char * **buffer**

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

- /Users/patrick/Development/spinnaker-code/emc_final/emc.c

2.5 sdram_tx_t Struct Reference

Data Fields

- uint **size**
- unsigned char * **buffer**

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

- /Users/patrick/Development/spinnaker-code/emc_final/emc.c

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