My Project

2.0

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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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gsl_ran_discrete_t 3
pcg32_random_t 3
T_FormatSpec 4

Chapter 2

Data Structure Documentation

2.1 error_t Struct Reference

Data Fields

- uint **ticks**
- uint **block_id**

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

- /Users/patrick/Development/spinnaker-code/mcmc/dma_test3.c

2.2 gsl_ran_discrete_t Struct Reference

Data Fields

- size_t **K**
- size_t * **A**
- double * **F**

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

- /Users/patrick/Development/spinnaker-code/mcmc/gsl_randist.h

2.3 pcg32_random_t Struct Reference

Data Fields

- uint64_t **state**
- uint64_t **inc**

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

- /Users/patrick/Development/spinnaker-code/mcmc/mcmc_code_size.c
- /Users/patrick/Development/spinnaker-code/mcmc/mcmc_test.c
- /Users/patrick/Development/spinnaker-code/mcmc/mcmc_test_double.c

2.4 T_FormatSpec Struct Reference

Data Fields

- unsigned int nChars
- unsigned int flags
- int width
- int prec
- int base
- char qual
- char repchar
- struct {
  const void * ptr
  size_t len
  } **grouping**

- struct {
  size_t w_int
  size_t w_frac
  } **xp**

2.4.1 Detailed Description

Describe a format specification.

2.4.2 Field Documentation

2.4.2.1 int base

numeric base

2.4.2.2 unsigned int flags

flags

2.4.2.3 size_t len

length of grouping spec

2.4.2.4 unsigned int nChars

number of chars emitted so far

2.4.2.5 int prec

precision

2.4.2.6 const void* ptr

ptr to grouping specification

2.4.2.7 char qual

length qualifier

2.4.2.8 char repchar

Repetition character

2.4.2.9 size_t w_frac

fixed-point fractional field width

2.4.2.10 size_t w_int

fixed-point integer field width

2.4.2.11 int width

width

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

- /Users/patrick/Development/spinnaker-code/mcmc/format.c

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