commandinterpreter

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Here are the classes, structs, unions and interfaces with brief descriptions:

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2.1 File List

Here is a list of all documented files with brief descriptions:

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Class Documentation

3.1 cmd Union Reference

Public Attributes

- int **i**
- float **f**
- char **c**
- char * **s**
- void * **v**

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

- cmdinterpreter.h

3.2 cmd_table_entry Struct Reference

an entry in the hashtable used to store the commands

`#include <cmdinterpreter.h>`

Public Attributes

- char * **key**
- cmd * value
- struct cmd_table_entry * next

3.2.1 Detailed Description

an entry in the hashtable used to store the commands

3.2.2 Member Data Documentation

3.2.2.1 next

```
struct cmd_table_entry* cmd_table_entry::next
```

< actual value in form of a pointer to the command

3.2.2.2 value

```
cmd* cmd_table_entry::value
```

< key of the entrie/command

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

- cmdinterpreter.h

Chapter 4

File Documentation

4.1 cmdinterpreter.h File Reference

interpreter for custom command. Might be used in CL-applications.

Classes

- union cmd
- struct cmd_table_entry

  an entry in the hashtable used to store the commands

Functions

- void **cmd_table_create** (void)
- void **command_add** (void)
- void **command_remove** (void)
- void **command_get_args** (void)
- void **command_execute** (void)
- void **command_interprete** (void)

Variables

- struct {
  char * **name**
  int(* func)(cmd_arg *args)
  char * args
  char * doc
  } cmd

  structure containing the details of a command
- struct cmd_table_entry **cmd_table_entry**
- struct {
  int **size**
  cmd_table_entry ** entries
  } cmd_table

  The struct for storing the commands. It works as a hashtable.

4.1.1 Detailed Description

interpreter for custom command. Might be used in CL-applications.

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4.1.2 Variable Documentation

4.1.2.1 args

```
char* args
```

< function-pointer to the function the command should call

4.1.2.2 doc

```
char* doc
```

< list of arguments the command requires

4.1.2.3 entries

```
cmd_table_entry** entries
```

< size of the hashtable

4.1.2.4 func

```
int(* func) (cmd_arg *args)
```

< name of the command

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