

My Project

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Chapter 1

termgci

****terminal **graphics **control **interface**

Chapter 2

Class Index

2.1 Class List

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

c16cell	7
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Chapter 3

File Index

3.1 File List

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

colour16.h	Contains the typedef of the <code>colour16_t</code> type, along with the macro definition of its size and intended possible values	9
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Chapter 4

Class Documentation

4.1 c16cell Struct Reference

```
#include <termgci.h>
```

Public Attributes

- `colour16_t fgColour`
- `colour16_t bgColour`
- char `ch`

4.1.1 Detailed Description

Represents a terminal cell whose possible foreground and background colours are part of the 8-16 colours set.

4.1.2 Member Data Documentation

4.1.2.1 `bgColour`

```
colour16_t c16cell::bgColour
```

Background colour.

4.1.2.2 `ch`

```
char c16cell::ch
```

Character to format accordingly to the foreground and background colours.

4.1.2.3 `fgColour`

```
colour16_t c16cell::fgColour
```

Foreground colour.

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

- `termgci.h`

Chapter 5

File Documentation

5.1 colour16.h File Reference

Contains the typedef of the `colour16_t` type, along with the macro definition of its size and intended possible values.

This graph shows which files directly or indirectly include this file:

5.2 colour16.h

[Go to the documentation of this file.](#)

```
00001 /*****  
00038 #ifndef COLOUR16_H  
00039 #define COLOUR16_H  
00040  
00041 #define C16SIZE 6  
00047 typedef char colour16_t[C16SIZE];  
00048  
00049 #define C16_FG_BLACK      "\e[030m"  
00050 #define C16_FG_RED       "\e[031m"  
00051 #define C16_FG_GREEN     "\e[032m"  
00052 #define C16_FG_YELLOW    "\e[033m"  
00053 #define C16_FG_BLUE      "\e[034m"  
00054 #define C16_FG_MAGENTA   "\e[035m"  
00055 #define C16_FG_CYAN      "\e[036m"  
00056 #define C16_FG_WHITE     "\e[037m"  
00057  
00058 #define C16_FG_DEFAULT   "\e[039m"  
00059  
00060 #define C16_BG_BLACK      "\e[040m"  
00061 #define C16_BG_RED       "\e[041m"  
00062 #define C16_BG_GREEN     "\e[042m"  
00063 #define C16_BG_YELLOW    "\e[043m"  
00064 #define C16_BG_BLUE      "\e[044m"  
00065 #define C16_BG_MAGENTA   "\e[045m"  
00066 #define C16_BG_CYAN      "\e[046m"  
00067 #define C16_BG_WHITE     "\e[047m"  
00068  
00069 #define C16_BG_DEFAULT   "\e[049m"  
00070  
00071 #define C16_FG_BR_BLACK   "\e[090m"  
00072 #define C16_FG_BR_RED     "\e[091m"  
00073 #define C16_FG_BR_GREEN    "\e[092m"  
00074 #define C16_FG_BR_YELLOW   "\e[093m"  
00075 #define C16_FG_BR_BLUE     "\e[094m"  
00076 #define C16_FG_BR_MAGENTA  "\e[095m"  
00077 #define C16_FG_BR_CYAN     "\e[096m"  
00078 #define C16_FG_BR_WHITE    "\e[097m"  
00079  
00080 #define C16_BG_BR_BLACK   "\e[100m"  
00081 #define C16_BG_BR_RED     "\e[101m"  
00082 #define C16_BG_BR_GREEN    "\e[102m"  
00083 #define C16_BG_BR_YELLOW   "\e[103m"  
00084 #define C16_BG_BR_BLUE     "\e[104m"  
00085 #define C16_BG_BR_MAGENTA  "\e[105m"  
00086 #define C16_BG_BR_CYAN     "\e[106m"  
00087 #define C16_BG_BR_WHITE    "\e[107m"  
00088  
00089 #endif // COLOUR16_H
```

5.3 termgci.h File Reference

Master include file for termgci based applications.

```
#include "colour16.h"  
Include dependency graph for termgci.h:
```

Classes

- struct [c16cell](#)

TypeDefs

- typedef struct [c16cell c16cell_t](#)

5.3.1 Detailed Description

Master include file for termgci based applications.

5.3.2 Typedef Documentation

5.3.2.1 [c16cell_t](#)

```
typedef struct c16cell c16cell\_t
```

Represents a terminal cell whose possible foreground and background colours are part of the 8-16 colours set.

5.4 termgci.h

[Go to the documentation of this file.](#)

```
00001 /*****  
00009 #ifndef TERMGCI_H  
00010 #define TERMGCI_H  
00011  
00012 #include "colour16.h"  
00013  
00017 typedef struct c16cell  
00018 {  
00019     colour16\_t fgColour;  
00020     colour16\_t bgColour;  
00021     char ch;  
00022 } c16cell\_t;  
00023  
00024 #endif // TERMGCI_H
```

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