ZebraPrinter_LIB

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Class Index

1.1 Class List

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Chapter 2

File Index

2.1 File List

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

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Chapter 3

Class Documentation

3.1 ZebraPrinter_ContentParams Struct Reference

Public Attributes

- unsigned int **x**
- unsigned int **y**
- unsigned int **height**
- unsigned int **printWidth**
- int **labelTop**
- int **labelShift**
- int **tearOff**
- int **darkness**
- char **font** [20]
- unsigned int **width**
- unsigned int **col**
- unsigned int **row**
- unsigned int **quality**

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

- C:/Users/jai_prajapati/Documents/SourceLibraries/Serial_LIB/ZebraPrinter_LIB/ZebraPrinter_Lib.h

Chapter 4

File Documentation

4.1 C:/Users/jai_prajapati/Documents/SourceLibraries/Serial_LIB/ZebraPrinter_LIB/ZebraPrinter_Lib.c File Reference

A short description.

```
#include <ansi_c.h>
#include <utility.h>
#include "SerialComm_LIB.h"
#include "ZebraPrinter_Lib.h"
```

Functions

- int Initialize_ZebraPrinter_Lib (char *PrinterSerialName, char errmsg[ERRLEN])

  Initializes the printer through SerialLib and checks the connection by sending a status command.
- int ZebraPrinter_AddToPrintCode (char *PrintCode, ZebraPrinter_ContentType Type, ZebraPrinter_ContentParams Params, char *Content, char errmsg[ERRLEN])

  Adds new content to PrintCode, only relevant parameters need to be set for params.
- int ZebraPrinter_Code_Start (char errmsg[ERRLEN])

  ZT610 Printer, start with ^XA.
- int ZebraPrinter_Code_String (char *x, char *y, char *font, char *height, char *width, char *print_string, char errmsg[ERRLEN])

  CodeContainer, x, y, font, height, width, print_string.
- int ZebraPrinter_Code_DataMatrix (char *x, char *y, char *font, char *height, char *col, char *row, char *print_string, char errmsg[ERRLEN])

  //CodeContainer, x, y, font, height, col, row, print_string
- int ZebraPrinter_Code_End (char errmsg[ERRLEN])

  //CodeContainer, x, y, font, height, col, row, print_string
- int ZebraPrinter_Print (char *PrinterSerialName, char *PrintCode, char errmsg[ERRLEN])

  Send PrintCode to the printer via serial.
- void ZebraPrinter_Close_Printer (char *Printer, char errmsg[ERRLEN])

  close printer

Variables

- char **ZebraPrinterCode** [2048] = {0}

4.1.1 Detailed Description

A short description.

Author

Chao Zhang

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Date

5/29/2020 4:09:26 PM

A longer description.

Date	Name	Rev.	Description
05-29-2020	Chao Zhang	1.↩ 0.0	Initial Release
09-01-2020	Chao Zhang	1.↩ 0.1	Added Teat off, Darkness

4.1.2 Function Documentation

4.1.2.1 ZebraPrinter_AddToPrintCode()

```
int ZebraPrinter_AddToPrintCode (
            char * PrintCode,
            ZebraPrinter_ContentType Type,
            ZebraPrinter_ContentParams Params,
            char * Content,
            char errmsg[ERRLEN] )
```

Adds new content to PrintCode, only relevant parameters need to be set for params.

Parameters

out	*PrintCode*	The code to append to
in	*Type*	The type of content to be added
in	*Params*	The parameters related to the type of content, only parameters relevant to the content type needs to be set
in	*Content*	The text content to be added

4.2 C:/Users/jai_prajapati/Documents/SourceLibraries/Serial_LIB/ZebraPrinter_LIB/ZebraPrinter_Lib.h File Reference

```
#include "cvidef.h"
#include "ArxtronToolslib.h"
```

Classes

- struct ZebraPrinter_ContentParams

Macros

- #define **ERR_INVALID_CONTENT_TYPE** -21001

Enumerations

- enum **ZebraPrinter_ContentType** {
  ZP_Header = 1, **ZP_Footer** = 2, **ZP_LabelTop** = 3, **ZP_PrintWidth** = 4,
  ZP_LabelShift = 5, **ZP_TearOff** = 6, **ZP_Darkness** = 7, **ZP_String** = 10,
  ZP_Barcode = 11, **ZP_Logo** = 30 }

Functions

- void **GetStandardErrMsg** (int error, char errmsg[ERRLEN])
- int CVICALLBACK **FunctionSelect** (int panel, int control, int event, void *callbackData, int eventData1, int eventData2)
- int CVICALLBACK **RunFunction** (int panel, int control, int event, void *callbackData, int eventData1, int eventData2)
- int Initialize_ZebraPrinter_Lib (char *PrinterSerialName, char errmsg[ERRLEN])

  Initializes the printer through SerialLib and checks the connection by sending a status command.
- int ZebraPrinter_AddToPrintCode (char *PrintCode, ZebraPrinter_ContentType Type, ZebraPrinter_ContentParams Params, char *Content, char errmsg[ERRLEN])

  Adds new content to PrintCode, only relevant parameters need to be set for params.
- int ZebraPrinter_Print (char *PrinterSerialName, char *PrintCode, char errmsg[ERRLEN])

  Send PrintCode to the printer via serial.
- void ZebraPrinter_Close_Printer (char *Printer, char errmsg[ERRLEN])

  close printer

4.2.1 Detailed Description

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4.2.2 Function Documentation

4.2.2.1 ZebraPrinter_AddToPrintCode()

```
int ZebraPrinter_AddToPrintCode (
            char * PrintCode,
            ZebraPrinter_ContentType Type,
            ZebraPrinter_ContentParams Params,
            char * Content,
            char errmsg[ERRLEN] )
```

Adds new content to PrintCode, only relevant parameters need to be set for params.

Parameters

out	*PrintCode*	The code to append to
in	*Type*	The type of content to be added
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