

My Project

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Contents

1	Module Index	1
1.1	Modules	1
2	File Index	3
2.1	File List	3
3	Module Documentation	5
3.1	Simple device status information.	5
3.1.1	Detailed Description	5
3.2	Simple device APIs list.	6
3.2.1	Detailed Description	6
3.2.2	Function Documentation	6
3.2.2.1	Dev_Close	6
3.2.2.2	Dev_Init	6
3.2.2.3	Dev_PrintfInt	6
3.2.2.4	Dev_StatusCheck	7
4	File Documentation	9
4.1	dev.c File Reference	9
4.1.1	Detailed Description	9
4.2	dev.h File Reference	9
4.2.1	Detailed Description	10
4.3	main.c File Reference	10
4.3.1	Detailed Description	11
5	Example Documentation	13
5.1	main.c	13
	Index	14

Chapter 1

Module Index

1.1 Modules

Here is a list of all modules:

Simple device status information.	5
Simple device APIs list.	6

Chapter 2

File Index

2.1 File List

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

dev.c	9
dev.h	9
main.c	10

Chapter 3

Module Documentation

3.1 Simple device status information.

Macros

- #define DEV_ON ((int)(1))
Simple device is power on.
- #define DEV_OFF ((int)(0))
Simple device is power off.

3.1.1 Detailed Description

3.2 Simple device APIs list.

Functions

- void [Dev_Init](#) (void)
Initialize simple device.
- int [Dev_PrintInt](#) (int number)
Print Int number to terimal device.
- int [Dev_StatusCheck](#) (void)
Check simple device status information.
- void [Dev_Close](#) (void)
Close simple device.

3.2.1 Detailed Description

3.2.2 Function Documentation

3.2.2.1 void Dev_Close (void)

Close simple device.

Parameters

<i>none.</i>	
--------------	--

Return values

<i>none.</i>	
--------------	--

3.2.2.2 void Dev_Init (void)

Initialize simple device.

Parameters

<i>none.</i>	
--------------	--

Return values

<i>none.</i>	
--------------	--

Note

This function **MUST** be called first before others function.

3.2.2.3 int Dev_PrintInt (int *number*)

Print Int number to terimal device.

Parameters

<i>in</i>	<i>number</i>	is the data you want to print.
-----------	---------------	--------------------------------

Return values

<i>the</i>	number of print information, in bytes. return zero indicate print error !.
------------	--

Note

- Be sure you have called [Dev_Init](#) function before call this fuction.
- Remember to check return value.

3.2.2.4 int Dev_StatusCheck (void)

Check simple device status information.

Parameters

<i>none.</i>	
--------------	--

Return values

<i>status</i>	<p>information of simple device, which can be one of the following value:</p> <ul style="list-style-type: none">• DEV_ON• DEV_OFF <p>More information, please reference Simple device status information..</p>
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Chapter 4

File Documentation

4.1 dev.c File Reference

4.1.1 Detailed Description

the implement of simple device.

Author

Cedar

Version

V1.0

Date

2014-03-23

Copyright

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4.2 dev.h File Reference

```
#include <stdio.h>
```

Macros

- `#define DEV_ON ((int)(1))`
Simple device is power on.
- `#define DEV_OFF ((int)(0))`
Simple device is power off.

Functions

- void `Dev_Init` (void)
Initialize simple device.
- int `Dev_PrintInt` (int number)
Print Int number to terimal device.
- int `Dev_StatusCheck` (void)
Check simple device status information.
- void `Dev_Close` (void)
Close simple device.

4.2.1 Detailed Description

Simple device user API.

Author

Cedar

Version

V1.0

Date

2014-03-23

Copyright

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4.3 main.c File Reference

```
#include "dev.h"
```

Macros

- `#define CNT_MAX` 10
The maxium number of print.

Functions

- void `DEV_Example` (void)
Simple device example.
- int `main` (void)
Application Entry.

4.3.1 Detailed Description

This is an simple example show developer how to use dev api to print int number.

Author

Cedar

Version

V1.0

Date

2014-03-23

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Chapter 5

Example Documentation

5.1 main.c

Show how to use simple device to print int number.

Index

dev.c, [9](#)
dev.h, [9](#)
Dev_Close
 Simple device APIs list., [6](#)
Dev_Init
 Simple device APIs list., [6](#)
Dev_PrintfInt
 Simple device APIs list., [6](#)
Dev_StatusCheck
 Simple device APIs list., [7](#)

main.c, [10](#)

Simple device APIs list., [6](#)
 Dev_Close, [6](#)
 Dev_Init, [6](#)
 Dev_PrintfInt, [6](#)
 Dev_StatusCheck, [7](#)
Simple device status information., [5](#)