

Debianlinux Examples (see more at www.embeddedrevolution.info)

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Chapter 1

File Index

1.1 File List

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

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Chapter 2

File Documentation

2.1 /home/arduino/dev/Debianlinux/HelloCWorld/HelloCWorld.cpp File Reference

Provide an example of standard Arduino project in C language under Eclipse IDE.

```
#include "HelloCWorld.h"
```

Functions

- int `main` ()
Main process.

2.1.1 Detailed Description

Provide an example of standard Arduino project in C language under Eclipse IDE.

Author

Alessandro Faraci

Date

2/6/2014

Version

1.1

2.1.2 DESCRIPTION

This application is meant as example. It is a useful test tool for standart output through virtual standard serial RS232C as part of Debianlinux context.

2.1.3 Function Documentation

2.1.3.1 int main ()

Main process.

Parameters

<i>no</i>	input parameters
-----------	------------------

Returns

no output

Init serial communications and wait for port to open:

Wait for serial port to connect (this is an optional condition board related)

2.2 /home/arduino/dev/Debianlinux/HelloCWorld/HelloCWorld.h File Reference

Standard header.

```
#include "Arduino.h"
```

2.2.1 Detailed Description

Standard header.

Author

Alessandro Faraci

Date

2/6/2014

Version

1.1

2.2.2 DESCRIPTION

Only modify this file to include

- function definitions (prototypes)
- include files
- extern variable definitions

in the appropriate section

2.3 /home/arduino/dev/Debianlinux/HelloWorld/HelloWorld.cpp File Reference

Provide an example of standard Arduino project in Wiring language under Eclipse IDE.

```
#include "HelloWorld.h"
```


Functions

- void `setup` ()
Setup function called once at startup of the sketch.

2.3.1 Detailed Description

Provide an example of standard Arduino project in Wiring language under Eclipse IDE.

Author

Alessandro Faraci

Date

2/6/2014

Version

1.1

2.3.2 DESCRIPTION

This application is meant as example. It is a useful test tool for standart output through virtual standard serial RS232C as part of Debianlinux context.

2.3.3 Function Documentation

2.3.3.1 void `setup` ()

Setup function called once at startup of the sketch.

Parameters

<i>no</i>	input parameters
-----------	------------------

Returns

void

2.4 /home/arduino/dev/Debianlinux/HelloWorld/HelloWorld.h File Reference

Standard header.

```
#include "Arduino.h"
```

Functions

- void `loop` ()
Add your includes for the project HelloWorld here.
- void `setup` ()
Setup function called once at startup of the sketch.

2.4.1 Detailed Description

Standard header.

Author

Alessandro Faraci

Date

2/6/2014

Version

1.1

2.4.2 DESCRIPTION

Only modify this file to include

- function definitions (prototypes)
- include files
- extern variable definitions

In the appropriate section

2.4.3 Function Documentation

2.4.3.1 void loop ()

Add your includes for the project HelloWorld here.

End of add your includes here

2.4.3.2 void setup ()

Setup function called once at startup of the sketch.

Parameters

<i>no</i>	input parameters
-----------	------------------

Returns

void

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