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

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File Documentation

2.1 /home/arduinodev/Debianinux/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 Debianinux context.

2.1.3 Function Documentation

2.1.3.1 int main ( )

Main process.

Parameters

no	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/arduinodev/Debianinux/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/arduinodev/Debianinux/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 Debianinux context.

2.3.3 Function Documentation

2.3.3.1 void setup ( )

Setup function called once at startup of the sketch.

Parameters

no	input parameters

Returns

void

2.4 /home/arduinodev/Debianinux/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

no	input parameters

Returns

void

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