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

AF

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

AF

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.
- void loop ()

  Add your includes for the project HelloWorld here.

2.3.1 Detailed Description

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

Author

AF

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 loop ( )

Add your includes for the project HelloWorld here.

End of add your includes here Send an output message through standard serial virtual port

Delay one second

2.3.3.2 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

AF

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 Send an output message through standard serial virtual port

Delay one second

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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