

Code_generator

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Chapter 1

Namespace Index

1.1 Packages

Here are the packages with brief descriptions (if available):

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Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

xmlParser.Pin	7
---	---

Chapter 3

Namespace Documentation

3.1 Package xmlParser

Classes

- class [Pin](#)

3.1.1 Detailed Description

XML parser for microcontroller information and project settings

Author

Miguel Diaz

Version

0.1

Chapter 4

Class Documentation

4.1 xmlParser.Pin Class Reference

Public Member Functions

- [Pin](#) ()
- void [setFunc_vcc](#) (boolean funcState)
- boolean [getFunc_vcc](#) ()
- void [setFunc_gnd](#) (boolean funcState)
- boolean [getFunc_gnd](#) ()
- void [setFunc_gpio](#) (boolean funcState)
- boolean [getFunc_gpio](#) ()

4.1.1 Detailed Description

Basic pin object.

- [Pin](#) necessary characteristics:
 - Name
 - Number
- [Pin](#) optional characteristics:
 - Port
- [Pin](#) main functions:
 - VCC
 - GND
 - GPIO
- [Pin](#) features:
 - Interruption

- ADC
- UART
- I2C
- SPI
- Clock
- Reset

Author

Miguel Diaz

Version

0.1

4.1.2 Constructor & Destructor Documentation

4.1.2.1 Pin()

```
xmlParser.Pin.Pin ( )
```

Initialize all pin's characteristics

4.1.3 Member Function Documentation

4.1.3.1 getFunc_gnd()

```
boolean xmlParser.Pin.getFunc_gnd ( )
```

See if the pin is GND

Returns

Function availability

4.1.3.2 getFunc_gpio()

```
boolean xmlParser.Pin.getFunc_gpio ( )
```

See if the pin is GPIO

Returns

Function availability

4.1.3.3 getFunc_vcc()

```
boolean xmlParser.Pin.getFunc_vcc ( )
```

See if the pin is Vcc

Returns

Function availability

4.1.3.4 setFunc_gnd()

```
void xmlParser.Pin.setFunc_gnd (
    boolean funcState )
```

Set the pin to GND status

Parameters

<i>funcState</i>	Function availability
------------------	-----------------------

4.1.3.5 setFunc_gpio()

```
void xmlParser.Pin.setFunc_gpio (
    boolean funcState )
```

Set the pin to GPIO status

Parameters

<i>funcState</i>	Function availability
------------------	-----------------------

4.1.3.6 setFunc_vcc()

```
void xmlParser.Pin.setFunc_vcc (
    boolean funcState )
```

Set the pin to Vcc status

Parameters

<i>funcState</i>	Function availability
------------------	-----------------------

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

- `src/xmlParser/Pin.java`

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