

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

```
Leds (const int LeftIn, const int LeftOut,
const int RightIn, const int RightOut,
const int Inverter, const int CHR, const
int Home, const int Automatic)
```

```
public:
void on();
void off();
void onDelay();
void offDelay();
void blinkOn();
void blinkOff();

private:
int _Led;
int _LeftIn;
int _LeftOut;
int _RightIn;
int _RightOut;
int _Inverter;
int _CHR;
int _Home;
int _Automatic;
int _Leds[9] = { _LeftIn,
_LeftOut, _RightIn,
_RightOut, _Inverter,
_CHR, _Home,
_Automatic};
int _i;
bool m_state;
```

```
_Leds[0] = LeftIn;
_Leds[1] = LeftOut;
_Leds[2] = RightIn;
_Leds[3] = RightOut;
_Leds[4] = Inverter;
_Leds[5] = CHR;
_Leds[6] = Home;
_Leds[7] = Automatic;

pinMode(LeftIn, OUTPUT);
pinMode(LeftOut, OUTPUT);
pinMode(RightIn, OUTPUT);
pinMode(RightOut, OUTPUT);
pinMode(Inverter, OUTPUT);
pinMode(CHR, OUTPUT);
pinMode(Home, OUTPUT);
pinMode(Automatic, OUTPUT);
```

```
off()
```

```
void blinkOff()
```

```
on()
```

```
1500
```

```
off()
```

```
1000
```

```
on()
```

```
1500
```

```
off()
```

```
1000
```

```
on()
```

```
3000
```

```
offDelay()
```

```
void blinkOn()
```

```
onDelay()
```

```
1500
```

```
off()
```

```
1000
```

```
on()
```

```
1500
```

```
off()
```

```
1000
```

```
on()
```

```
3000
```

```
off()
```

```
void on()
```

```
_i = 0;
_i < 9
```

```
_i++
digitalWrite(_Leds[_i], HIGH)
```

```
void off()
```

```
_i = 0;
_i < 9
```

```
_i++
digitalWrite(_Leds[_i], LOW)
```

```
void onDelay()
```

```
_i = 0;
_i < 9
```

```
_i++
digitalWrite(_Leds[_i], HIGH)
```

```
200
```

```
void offDelay()
```

```
_i = 0;
_i < 9
```

```
_i++
digitalWrite(_Leds[_i], LOW)
```

```
200
```

PROJECT: led.h (functions for 230box proyect)
Array for external leds for on & off all leds &
blinks all leds for switching-on & switching-off the automatics
functions.

Developer: c2mismo

WEB: github.com/c2mismo/230box

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