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driver

↓

device

↓

src

Io → volatile

To create a variable for structure GPIO — Type def can be used.

struct {

{

inba;

inbb;

}

inb E. variable.

Type def struct

{

inb A;

inb B;

} E;

⇒

creating a
defining a variable

Type def struct

```
{ volatile uint32_t MODER;
```

address offset : 0x00

```
volatile uint32_t DUMMY[12]
```

```
volatile uint32_t ARB1ENR;
```

address offset : 0x30

```
} RCC_TypeDef;
```

Here DUMMY[12] is created
for the (10) registers and (2)
reserved registers totally (12)

So that Dummy[12] is created
and we need only ARB1ENR
after upto that is enough for
this application.