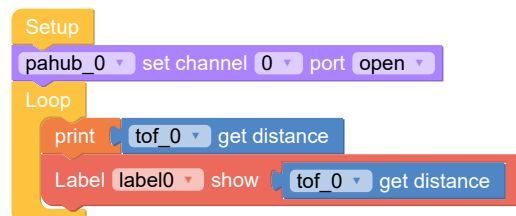


Unit PaHUB

Example

Through the Unit PaHUB branch line, connect multiple Unit ToF to realize the laser ranging function of Unit ToF



```
from m5stack import *
from m5ui import *
from uiflow import *
import unit

setScreenColor(0x222222)
pahub_0 = unit.get(unit.PAHUB, unit.PORTA, 0x70)
tof_0 = unit.get(unit.TOF, unit.PAHUB0)

label0 = M5TextBox(130, 119, "label0", lcd.FONT_Default, 0xFFFFFF, rotate=0)
pahub_0.select(0, 1)
while True:
    print(tof_0.distance)
    label0.setText(str(tof_0.distance))
    wait_ms(2)
```

API

pahub_0 set channel 0 port open

```
pahub_0 = unit.get(unit.PAHUB, unit.PORTA, 0x70)
```

- Set the channel status to Open (Channel selection)

pahub_0 set channel 0 port open

```
pahub_0 = unit.get(unit.PAHUB, unit.PORTA, 0x70)
```

- Set channel status to open (channel controlled by variable)

pahub_0 set port value 0x00

```
pahub_0 = unit.get(unit.PAHUB, unit.PORTA, 0x70)
```

- Set the value (hexadecimal) corresponding to the channel for communication

pahub_0 set channel 0 port open

```
pahub_0 = unit.get(unit.PAHUB, unit.PORTA, 0x70)
```

- Set channel status (Channel selection)

pahub_0 set channel 0 port open

```
pahub_0 = unit.get(unit.PAHUB, unit.PORTA, 0x70)
```

- Set channel state by variable (channel variable control)