
중간 보고

Bluetooth



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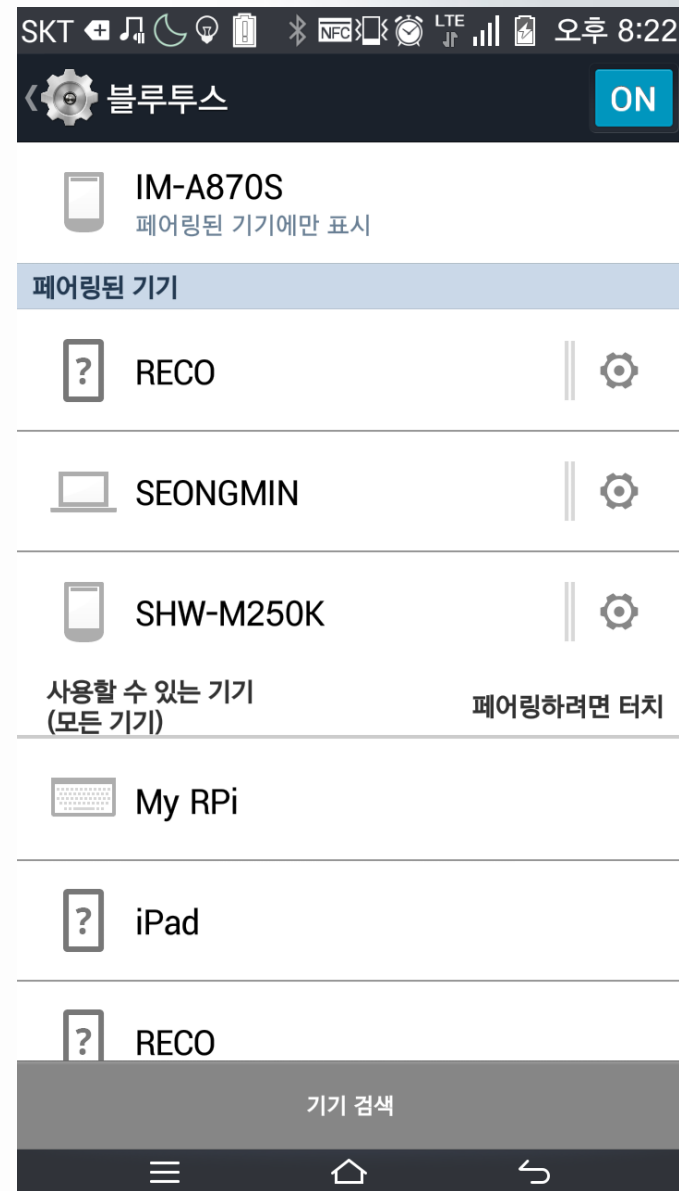


1. Bluetooth 프로그램 설명

```
os.system("hciconfig hci0 class 0x002540")
```

```
os.system("hciconfig hci0 name MyW RPi")
```

```
os.system("hciconfig hci0 piscan")
```



SDP Record

1. Bluetooth 프로그램 설명

```
<?xml version="1.0" encoding="UTF-8" ?>
- <record>
  - <attribute id="0x0001">
    - <sequence>
      <uuid value="0x1124" />
    </sequence>
  </attribute>
  - <attribute id="0x0004">
    - <sequence>
      - <sequence>
        <uuid value="0x0100" />
        <uint16 value="0x0011" />
      </sequence>
      - <sequence>
        <uuid value="0x0011" />
      </sequence>
    </sequence>
  </attribute>
  - <attribute id="0x0005">
    - <sequence>
      <uuid value="0x1002" />
    </sequence>
  </attribute>
  - <attribute id="0x0006">
```



1. Bluetooth 프로그램 설명

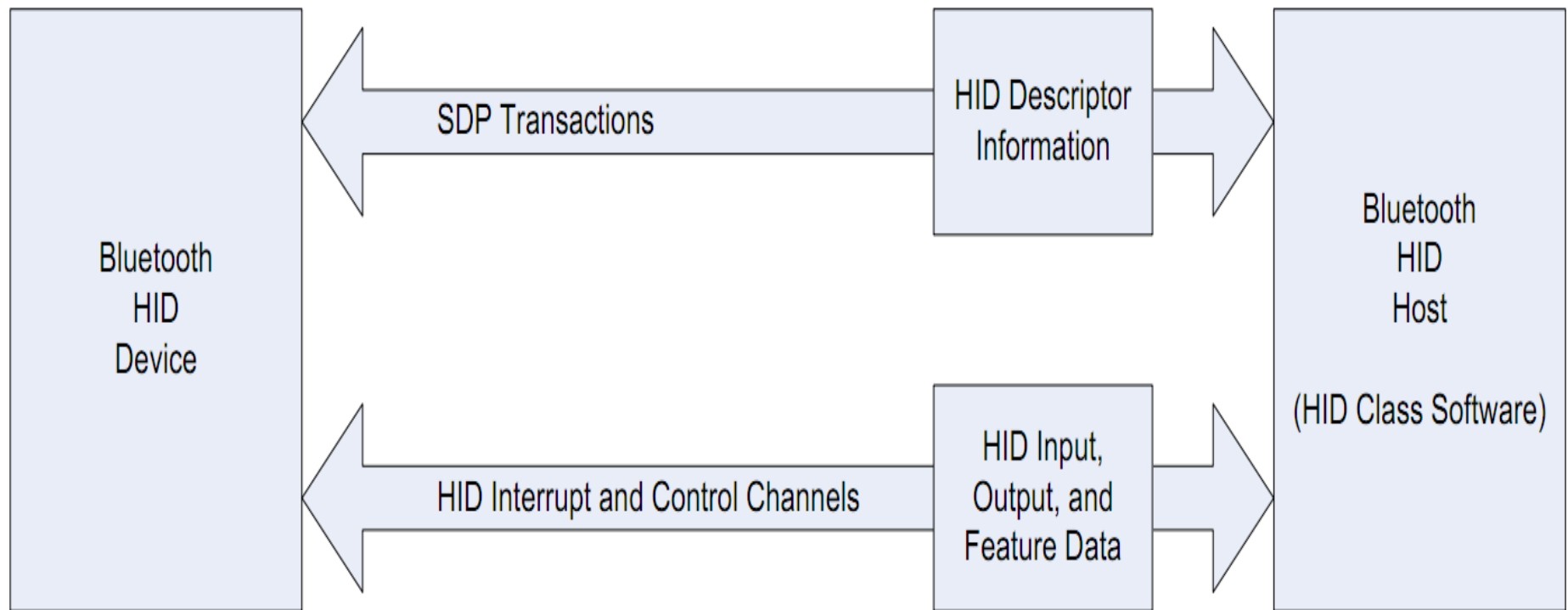


Figure 2.1: How Descriptors and Data are transferred from the HID Class Device



1. Bluetooth 프로그램 설명

블루투스 소켓 통신

```
self.sinterrupt = BluetoothSocket(L2CAP)
```

```
self.sinterrupt.bind(("", Bluetooth.P_INTR))
```

```
self.sinterrupt.listen(1)
```

```
self.cinterrupt = self.scontrol.accept()
```

```
hex_str="\xa1\x01\x00\x00\x04\x00\x00\x00\x00\x00\x00"
```

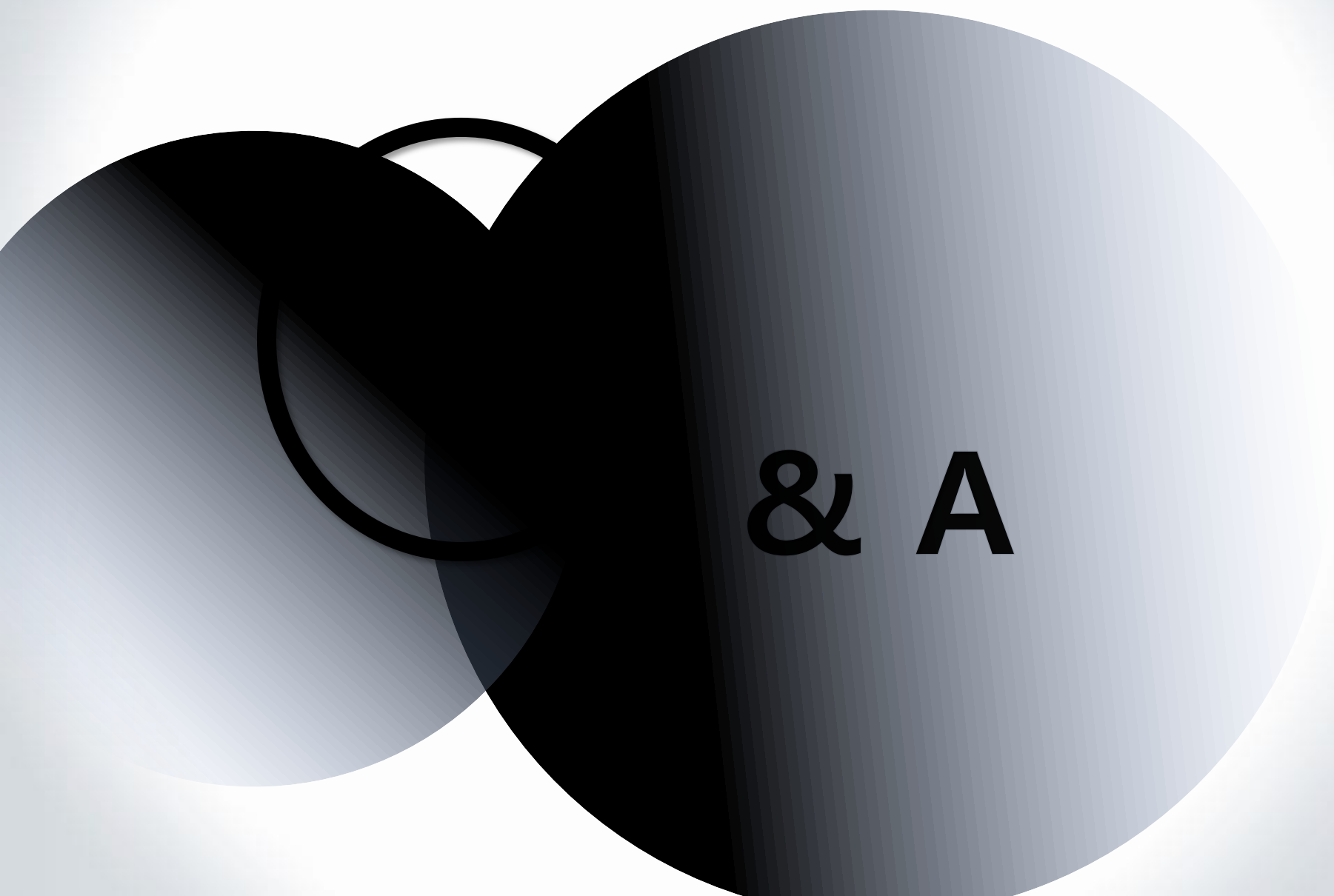
```
self.cinterrupt.send(hex_str)
```



2. 예정작업

Pipe 통신





& A