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# **Open Air POS**

Documentation

PacketManager

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Contents

<b>1</b>	<b>PacketManager</b>	<b>2</b>
1.1	PacketType . . . . .	2
1.2	Communication scenario . . . . .	3
1.3	Packet structure . . . . .	3

# Open Air POS - Documentation

## 1 PacketManager

### 1.1 PacketType

PacketType is an header used to identify what type of data are send.

```
enum PacketType {  
    String,  
    Order,  
    Who,  
    Ack  
}
```

- String  
is normally not used, but it's here for testing purpose.
- Order  
is used to send an Order object.
- Who is used to make identification between two devices  
in the future, it will be used to “draw” a map of the network,  
in the case of a “mesh” network to generate routing table.
- Ack  
is used to acknowledge a received packet by the id of the packet transmitted.

1.2 Communication scenario

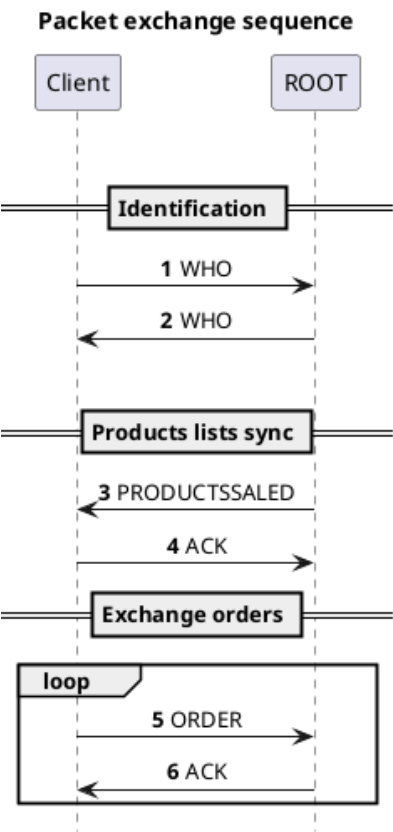


Figure 1: UML : Packet exchange

1.3 Packet structure

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recipient	source	id	type	data
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