fmt\_io\_protocol.md 4/20/2020

# **FMT IO Protocol Command**

Command Definition. The package format is shown below:

head	cmd	len	content	alloc	checksum	end
uint8[2]	uint16	uint16	uint8*	uint8	uint16	uint8

### PROTO\_CMD\_SYNC

command for synchronization. server send this command to client

• cmd: 1

• content: NULL

#### PROTO\_ACK\_SYNC

ack for synchronize command. client send this ack to server after it receives PROTO\_CMD\_SYNC from server

• cmd: 2

• content: NULL

### PROTO\_CMD\_REBOOT

server send this command to request client to reboot

• cmd: 3

• content: NULL

## PROTO\_ACK\_REBOOT

client send this ack after it receives PROTO\_CMD\_REBOOT before it reboot

• cmd: 4

• content: NULL

## PROTO\_DBG\_TEXT

client send this package to server, in which contains debug information, similar to printf()

- cmd: 5
- len: data length in content, it should not larger than (MAX\_PACKAGE\_SIZE-10), where 10 is size of PackageStruct except content. It is recommended len is not larger than 100.
- content: content include debug information