



2017.09-2021.06
2021.09-

C/C++					STL	
	(			)	(	)
Socket		OSI	TCP/IP	UDP HTTP		
				(socket)		()
Linux		Linux	IO	select poll epoll		
STM32						
		RS232	RS485	SPI IIC	CAN	
STM32			LwIP			
MySQL						

UWB

UWB

STM32F407

flash

STM32 SPI PHY OSI LwIP
OJ LwIP
OJ

httplib

MVC

oj
MySQL

cookie

session

ID

cookie

cpp-httplib

TCP/IP

MySQL

The collaborative operation method based on PMH-MADDPG bio-inspired angle simulation envelopment involves establishing the optimal enveloping scheduling model of the target and using the PMH-MADDPG method to solve the optimal enveloping scheduling model
