void \*ctx;

ctx = zmq\_init(1);

void \*s1;

s1 = zmq\_socket(ctx, ZMQ\_PUSH);

zmq\_connect(s1, "tcp://192.168.1.137:6000");

while (1)

{

char sd\_string[20];

cout << "请输入sd\_string2:" << endl;

cin >> sd\_string;

zmq\_msg\_t msg;

zmq\_msg\_init\_size(&msg, strlen(sd\_string) + 1);

memcpy(zmq\_msg\_data(&msg), sd\_string, strlen(sd\_string) + 1);

zmq\_sendmsg(s1, &msg, 0);

zmq\_msg\_close(&msg);

}

zmq\_close(s1);

zmq\_term(ctx);

void\* context = zmq\_ctx\_new();

if (context == NULL)

{

return -1;

}

int ret = zmq\_ctx\_set(context, ZMQ\_MAX\_SOCKETS, 1);

if (ret != 0)

{

return -1;

}

void\* subscriber = zmq\_socket(context, ZMQ\_SUB);

if (subscriber == NULL) return -1;

ret = zmq\_connect(subscriber, "tcp://192.168.1.101:8888");

if (ret != 0)return -1;

ret = zmq\_setsockopt(subscriber, ZMQ\_SUBSCRIBE, "", 0);

if (ret != 0)return -1;

char buf[26];

memset(buf, 0, sizeof(buf));

while (1)

{

ret = zmq\_recv(subscriber, buf, 26, ZMQ\_DONTWAIT);

if (ret != -1)

{

// buf[ret-1] = '\0';

printf("%s\n", buf);

memset(buf, 0, sizeof(buf));

}

Sleep(1000);

}

return 0;

/////v0.1

void \*context = zmq\_ctx\_new();

void \*publisher = zmq\_socket(context, ZMQ\_PUB);

int rc = zmq\_bind(publisher, "tcp://\*:5556");

while (1)

{

s\_send(publisher,(char \*) "hello world");

Sleep(1000);

}

zmq\_close(publisher);

zmq\_ctx\_destroy(context);

void \*context = zmq\_ctx\_new();

void \*clients = zmq\_socket(context, ZMQ\_SUB);

zmq\_connect(clients, "tcp://192.168.1.137:5556");

int ret = zmq\_setsockopt(clients, ZMQ\_SUBSCRIBE, "", 0);

zmq\_msg\_t msg;

char \*buf = (char\*)malloc(100);

memset(buf, 0, 100);

FILE \*ff = fopen("D:\\test\\alarm.txt","w");

if (ff == NULL)

return -1;

while (1)

{

buf = s\_recv(clients);

Sleep(1000);

printf("get a alarm message %s\n",buf);

fprintf(ff,"recv a message %s\n", buf);

}

zmq\_msg\_close(&msg);

zmq\_close(context);

zmq\_ctx\_destroy(context);

return 0;

///v0.1 end

//v0.2

void \*context = zmq\_ctx\_new();

void \*publisher = zmq\_socket(context, ZMQ\_PUB);

int rc = zmq\_bind(publisher, "tcp://192.168.1.137:5557");

while (1)

{

// s\_send(publisher,(char \*) "hello world");

zmq\_msg\_t msg;

zmq\_msg\_init\_size(&msg,100);

memcpy(zmq\_msg\_data(&msg), (char \*)"hello guanhe", 100);

zmq\_msg\_send(&msg, publisher, 0);

Sleep(1000);

}

zmq\_close(publisher);

zmq\_ctx\_destroy(context);

void \*context = zmq\_ctx\_new();

void \*clients = zmq\_socket(context, ZMQ\_SUB);

zmq\_connect(clients, "tcp://192.168.1.137:5557");

int ret = zmq\_setsockopt(clients, ZMQ\_SUBSCRIBE, "", 0);

// zmq\_msg\_t msg;

char \*buf = (char\*)malloc(100);

memset(buf, 0, 100);

FILE \*ff = fopen("D:\\test\\alarm.txt","w");

if (ff == NULL)

return -1;

zmq\_msg\_t rec\_msg;

while(1)

{

// buf = s\_recv(clients);

zmq\_msg\_init(&rec\_msg);

zmq\_msg\_recv(&rec\_msg, clients, 0);

//1 Sleep(1000);

Sleep(1000);

printf("get a alarm message %s\n",(char \*)zmq\_msg\_data(&rec\_msg));

// fprintf(ff,"recv a message %s\n", buf);

}

zmq\_msg\_close(&rec\_msg);

zmq\_close(context);

zmq\_ctx\_destroy(context);

return 0;

///v0.2end