NOVA buffer manager for SDC portable DAQ

Network NOVA Users manual

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Introduction

Processes

User functions

Nova descriptor

Buffer size

nd = net_nova_open(host,port,name,priority,Nrequest)

char *host;	host name to the buffer manager.
int port;	port number. Zero is for default value
char *name;	Path name to the buffer manager.
int priority;	Process priority
int Nrequest;	A number of request
struct NOVAD *nd;	Pointer to the nova descriptor.

net_nova_close(nd)

struct NOVAD *nd;	Pointer to the nova descriptor.

size = net_nova_read(nd,address,length)

struct NOVAD *nd;	Pointer to the nova descriptor.
char *address;	Local buffer address pointer.
int length;	Local buffer size.
int size;	Received buffer size.
	Zero for timeout. -1 error. -2 Disconnect.

net_nova_write(nd,address,length,sig)

struct NOVAD *nd;	Pointer to the nova descriptor.
char *address;	buffer address pointer.
int length;	buffer size.
int sig;	buffer significance.

Startup and termination

Utilities