ftpclient

#include<stdio.h>

#include<stdlib.h>

#include<sys/types.h>

#include<sys/socket.h>

#include<netinet/in.h>

#include<strings.h>

#include<netdb.h>

void error(char \*msg)

{

perror(msg);

exit(0);

}

int main(int argc,char \*argv[])

{

int sockfd,portno,n;

char fname[255];

struct sockaddr\_in saddr;

int size;

size\_t len;

struct hostent \*server;

FILE \*file;

char buffer[256];

if(argc<3)

{

fprintf(stderr,"usage %s hostname port \n",argv[0]);

exit(0);

}

portno=atoi(argv[2]);

sockfd=socket(AF\_INET,SOCK\_STREAM,0);

if(sockfd<0) error("error opening socket");

server=gethostbyname(argv[1]);

if(server==NULL)

{

fprintf(stderr,"error,no such host \n");

exit(0);

}

bzero((char \*)&saddr,sizeof(saddr));

saddr.sin\_family=AF\_INET;

bcopy((char \*)server->h\_addr,(char \*)&saddr.sin\_addr.s\_addr,server->h\_length);

saddr.sin\_port=htons(portno);

if(connect(sockfd,&saddr,sizeof(saddr))<0) error("error connect");

bzero(buffer,255);

if((read(sockfd,buffer,255))<0) error("error on port 20");

printf("FILE LIST FROM DB \n %s",buffer);

bzero(buffer,255);

printf("ENTER FILE TO RETRIEVE: ");

scanf("%s",fname);

if((write(sockfd,fname,255))<0) error("error here!!!");

bzero(buffer,255);

if((read(sockfd,buffer,255))<0) error("error reading file");

len=strlen(buffer);

file=fopen(fname,"w");

fwrite(buffer,len,1,file);

return 0;

}