set\_session\_id函数的功能：当用户登录成功服务器将用户的登录信息与产生的guid字符串一起写入数据库，并将同一个guid字符串写入浏览器的cookie中作为浏览器与服务器交互时的凭证。

int set\_session\_id(char\* user\_id)

{

BOOL need\_create\_session = TRUE;

char session\_id[50] = {0};

char mysql\_query\_string[500] = {0};

char query\_string\_result[500] = {0};

if(cgiCookieString("session\_string",session\_id,sizeof(session\_id))==cgiFormSuccess)

{

MYSQL\* mysql\_tube = mysql\_init(0);

MYSQL\_RES\* mysql\_result;

MYSQL\_ROW one\_row\_result;

sprintf(mysql\_query\_string,"select count(\*) from t\_session where id = '%s'",session\_id);

mysql\_tube = MYSQL\_QUERY(mysql\_query\_string,query\_string\_result);

mysql\_result = mysql\_store\_result(mysql\_tube);

one\_row\_result = mysql\_fetch\_row(mysql\_result);

if(strcmp(one\_row\_result[0],"0")==0) //cookie中有gui字符串，数据库中已经没有

{

need\_create\_session = TRUE;

}else //更改数据库中的这个guid字符串对应的用户I

{

sprintf(mysql\_query\_string,"update t\_session set user\_id = '%s',last\_update\_time=now() where id= '%s'",user\_id,session\_id);

MYSQL\_QUERY(mysql\_query\_string,query\_string\_result);

if(strlen(query\_string\_result)==0)

{

need\_create\_session = FALSE;

return 1;

}else

{

need\_create\_session = TRUE; //没更改成功，那这个guid就舍弃吧，来个新的。

}

}

}else

{

need\_create\_session = TRUE;

}

if(need\_create\_session)

{

char guid\_set[50] = {0};

char error\_message\_creat[50] = {0};

set\_session\_id 函数

char mysql\_query\_insert\_string[500]={0};

createGuid(guid\_set); //创建一个guid字符串，

cgiHeaderCookieSetString("session\_string",guid\_set,60\*30,"","127.0.0.1"); //把这个字符串命名为session\_string,并且写入cooki

sprintf(mysql\_query\_insert\_string,"insert into t\_session(id,user\_id,last\_update\_time) values('%s','%s',now())",guid\_set,user\_id);

MYSQL\_QUERY(mysql\_query\_insert\_string,error\_message\_creat); //把这个字符串作为主键ID和用名user\_id一起写入数据库。

if(strlen(error\_message\_creat)==0)

{

return 1;

}else

{

return 0;

}

}

}

set\_session\_id 函数

get\_session\_id函数功能：某一用户与服务器交互时服务器检查浏览器cookie中所存的guid字符串数据库中是否有且这个guid字符串是否有对应的用户ID，如果两者都存在则服务器就认为是合法用户登录。

int get\_session\_id(char\* the\_session\_id\_result)

{

char get\_session\_id\_string[100] = {0};

char mysql\_query\_string[500] = {0};

char error\_message[500] = {0};

if(cgiCookieString("session\_string",get\_session\_id\_string,sizeof(get\_session\_id\_string))==cgiFormSuccess)

{ //取出浏览器报文头中叫session\_string的cooki的值

MYSQL\_RES\* get\_result;

MYSQL\_ROW one\_row\_result;

MYSQL\* mysql\_tube = mysql\_init(0);

sprintf(mysql\_query\_string,"select user\_id from t\_session where id='%s'",get\_session\_id\_string);

mysql\_tube = MYSQL\_QUERY(mysql\_query\_string,error\_message);

if(strlen(error\_message)==0)

{

get\_result = mysql\_store\_result(mysql\_tube);

if(one\_row\_result = mysql\_fetch\_row(get\_result))

{

sprintf(the\_session\_id\_result,one\_row\_result[0]);

return 1; //如果从浏览器中取到的这个cooki在数据库中有并且有对应用户名，那么就认为这个用户是合法用户

}else

{

return 0;

}

}else

{

return 0;

}

}else

{

return 0;

}

}

Get\_session\_id 函数

touch\_session函数功能：用户每次操作实施前对数据库中距上次操作时间超过5分钟的登录信息删除，服务器在数据库查询不到用户的登录信息就会强制用户重新登录。

void touch\_session()

{

char session\_id[50] = {0};

char mysql\_query\_string[500]={0};

char error\_message\_search[500] = {0};

sprintf(mysql\_query\_string,"delete from t\_session where (unix\_timestamp(now())-unix\_timestamp(last\_update\_time))>=5\*60");

//将数据库中超过5分钟的记录都删掉

MYSQL\_QUERY(mysql\_query\_string,error\_message\_search);

if(cgiCookieString("session\_string",session\_id,sizeof(session\_id))==cgiFormSuccess)

{

sprintf(mysql\_query\_string,"update t\_session set last\_update\_time=now() where id= '%s'",session\_id);//更新数据库中的登录时间

MYSQL\_QUERY(mysql\_query\_string,error\_message\_search);

cgiHeaderCookieSetString("session\_string",session\_id,30,"","127.0.0.1");//同样要更新一下浏览器的cooki

}

}

touch\_session 函数

createGuid函数功能：产生一个guid字符串，并将地址返回给调用者。

void createGuid(char\* guidStr)

{

GUID guid={0};

CoCreateGuid(&guid);

sprintf(guidStr, "{%08X-%04X-%04x-%02X%02X-%02X%02X%02X%02X%02X%02X}",

guid.Data1,

guid.Data2,

guid.Data3,

guid.Data4[0],

guid.Data4[1],

guid.Data4[2],

guid.Data4[3],

guid.Data4[4],

guid.Data4[5],

guid.Data4[6],

guid.Data4[7]);

}

createGuid 函数

printf\_all\_list函数功能：打印一个下拉列表，并将用户选定的名字叫id\_selected的选项默认选上。

int printf\_all\_list(char\* id\_selected,char\* which\_table,char\* list)

{

int len=0;

char query\_list\_string[1024]={0};

char return\_list\_message[1024]={0};

MYSQL\* tube\_list = mysql\_init(0);

sprintf(query\_list\_string,"select \* from %s",which\_table);

tube\_list = MYSQL\_QUERY(query\_list\_string,return\_list\_message);

if(strlen(return\_list\_message)==0)

{

MYSQL\_RES\* mysql\_all\_result=mysql\_store\_result(tube\_list);

MYSQL\_ROW mysql\_row\_result;

mysql\_close(tube\_list);

while(mysql\_row\_result=mysql\_fetch\_row(mysql\_all\_result))

{

if(strcmp(id\_selected,mysql\_row\_result[0])==0)

{

len=sprintf(list,"<option value='%s' selected>%s</option><br/>",mysql\_row\_result[0],mysql\_row\_result[1]);

}else

{

len=sprintf(list,"<option value='%s'>%s</option><br/>",mysql\_row\_result[0],mysql\_row\_result[1]);

}

list+=len;

}

mysql\_free\_result(mysql\_all\_result);

return 1;

}else

{

return 0;

}

}

printf\_all\_list 函数

登录页面的呈现

touch\_session();

if(cgiFormString("mode\_html",mode\_cgi,sizeof(mode\_cgi))!=cgiFormSuccess)

{

char id\_number\_cooki\_get[100]={0};

char username\_cooki\_get[100]={0};

char pwd\_cooki\_get[100]={0};

char\* error\_message="<br/>测试阶段所用教师系统，工号：19980701；用户名：admin；密码：admin<br/>测试阶段所用学生系统，学号：14723576到14723580；用户名：student；密码：student<br/>";

TMPL\_varlist\* message\_cgi\_qurey\_result=0;

message\_cgi\_qurey\_result = TMPL\_add\_var(message\_cgi\_qurey\_result,"message\_input",error\_message,0);

cgiCookieString("id\_number\_cooki",id\_number\_cooki\_get,sizeof(id\_number\_cooki\_get));

cgiCookieString("username\_cooki",username\_cooki\_get,sizeof(username\_cooki\_get));

cgiCookieString("pwd\_cooki",pwd\_cooki\_get,sizeof(pwd\_cooki\_get)); //如果原来浏览器中存有登录成功时的cooki则这时将其写入

message\_cgi\_qurey\_result = TMPL\_add\_var(message\_cgi\_qurey\_result,"id\_number\_input",id\_number\_cooki\_get,"username\_input",username\_cooki\_get,"pwd\_input",pwd\_cooki\_get,"message\_input",error\_message,0);

printf\_msg\_into\_html(message\_cgi\_qurey\_result,"login.htm"); //打印出登录页面

}else if(cgiFormString("mode\_html",mode\_cgi,sizeof(mode\_cgi))==cgiFormSuccess)

{

cgiFormString("mode\_html",mode\_cgi,sizeof(mode\_cgi));

if(strcmp(mode\_cgi,"教师登录")==0)

{

char username\_cgi[50]={0};

char pwd\_cgi[50]={0};

char mysql\_login\_string[200]={0};

if((cgiFormString("username\_htm",username\_cgi,sizeof(username\_cgi))!=cgiFormSuccess)|(cgiFormString("pwd\_htm",pwd\_cgi,sizeof(pwd\_cgi))!=cgiFormSuccess)|(cgiFormString("id\_number\_htm",student\_teacher\_number\_cgi,sizeof(student\_teacher\_number\_cgi))!=cgiFormSuccess))

{

char\* message\_cgi="所有输入项均不能为空";

TMPL\_varlist\* message\_to\_htm=0;

message\_to\_htm = TMPL\_add\_var(message\_to\_htm,"id\_number\_input",student\_teacher\_number\_cgi,"username\_input",username\_cgi,"pwd\_input",pwd\_cgi,"message\_input",message\_cgi,0);

printf\_msg\_into\_html(message\_to\_htm,"login.htm");

}else

{

char login\_error\_msg[250]={0};

MYSQL\* login\_tube = mysql\_init(0);

登录页面的呈现

MYSQL\_RES\* all\_result;

MYSQL\_ROW login\_numbers;

sprintf(mysql\_login\_string,"select count(\*) from t\_teacher\_login where teacher\_number='%s' and username='%s' and pwd='%s'",student\_teacher\_number\_cgi,username\_cgi,pwd\_cgi);

login\_tube = MYSQL\_QUERY(mysql\_login\_string,login\_error\_msg);

all\_result = mysql\_store\_result(login\_tube);

login\_numbers = mysql\_fetch\_row(all\_result);

if(strlen(login\_error\_msg)==0)

{

if(strcmp(login\_numbers[0],"0")==0)

{

TMPL\_varlist\* message\_to\_htm=0;

sprintf(login\_error\_msg,"你的登录信息有误");

message\_to\_htm = TMPL\_add\_var(message\_to\_htm,"username\_input",username\_cgi,"id\_number\_input",student\_teacher\_number\_cgi,"pwd\_input",pwd\_cgi,"message\_input",login\_error\_msg,0);

printf\_msg\_into\_html(message\_to\_htm,"login.htm");

}else

{

cgiHeaderCookieSetString("id\_number\_cooki",student\_teacher\_number\_cgi,5\*60,"","");

cgiHeaderCookieSetString("username\_cooki",username\_cgi,5\*60,"","");

cgiHeaderCookieSetString("pwd\_cooki",pwd\_cgi,5\*60,"","");

goto label\_teacher\_logged;

}

}else

{

TMPL\_varlist\* message\_to\_htm=0;

message\_to\_htm = TMPL\_add\_var(message\_to\_htm,"username\_input",username\_cgi,"pwd\_input",pwd\_cgi,"message\_input",login\_error\_msg,0);

printf\_msg\_into\_html(message\_to\_htm,"login.htm");

}

} //判断教师登录系统是否成功

}else if(strcmp(mode\_cgi,"学生登录")==0)

{

char username\_cgi[50]={0};

char pwd\_cgi[50]={0};

char mysql\_login\_string[200]={0};

if((cgiFormString("username\_htm",username\_cgi,sizeof(username\_cgi))!=cgiFormSuccess)|(cgiFormString("pwd\_htm",pwd\_cgi,sizeof(pwd\_cgi))!=cgiFormSuccess)|(cgiFormString("id\_number\_htm",student\_teacher\_number\_cgi,sizeof(student\_teacher\_number\_cgi))!=cgiFormSuccess))

教师登录系统是否成功

{

char\* message\_cgi="所有输入项均不能为空";

TMPL\_varlist\* message\_to\_htm=0;

message\_to\_htm = TMPL\_add\_var(message\_to\_htm,"id\_number\_input",student\_teacher\_number\_cgi,"username\_input",username\_cgi,"pwd\_input",pwd\_cgi,"message\_input",message\_cgi,0);

printf\_msg\_into\_html(message\_to\_htm,"login.htm");

}else

{

char login\_error\_msg[250]={0};

MYSQL\* login\_tube = mysql\_init(0);

MYSQL\_RES\* all\_result;

MYSQL\_ROW login\_numbers;

sprintf(mysql\_login\_string,"select count(\*) from t\_student\_login where student\_number='%s' and username='%s' and pwd='%s'",student\_teacher\_number\_cgi,username\_cgi,pwd\_cgi);

login\_tube = MYSQL\_QUERY(mysql\_login\_string,login\_error\_msg);

all\_result = mysql\_store\_result(login\_tube);

login\_numbers = mysql\_fetch\_row(all\_result);

if(strlen(login\_error\_msg)==0)

{

if(strcmp(login\_numbers[0],"0")==0)

{

TMPL\_varlist\* message\_to\_htm=0;

sprintf(login\_error\_msg,"用户名或密码错误");

message\_to\_htm = TMPL\_add\_var(message\_to\_htm,"id\_number\_input",student\_teacher\_number\_cgi,"username\_input",username\_cgi,"pwd\_input",pwd\_cgi,"message\_input",login\_error\_msg,0);

printf\_msg\_into\_html(message\_to\_htm,"login.htm");

}else

{

if(set\_session\_id(student\_teacher\_number\_cgi))

{

//goto label\_student\_logged; //如果用户名密码匹配且写入cooki成功则跳转到显示个人信息页面。但是这个地方不能用goto，因为如果使用goto则相当于还是在当前这个登录页面上进行刷新，这样的话浏览器会自动将上次输入的数据填充到用户名，密码等输入项中，这样永远都可以查询

cgiHeaderLocation("login.cgi?mode\_html=student&action\_html=query\_select");

}else

{

TMPL\_varlist\* message\_to\_htm=0;

sprintf(login\_error\_msg,"写入cooki出错");

message\_to\_htm = TMPL\_add\_var(message\_to\_htm,"id\_number\_input",student\_teacher\_number\_cgi,"username\_input",username\_cgi,"pwd\_input",pwd\_cgi,"message\_input",login\_error\_msg,0);

学生登录系统是否成功

printf\_msg\_into\_html(message\_to\_htm,"login.htm");

}

}

}else

{

TMPL\_varlist\* message\_to\_htm=0;

message\_to\_htm = TMPL\_add\_var(message\_to\_htm,"username\_input",username\_cgi,"pwd\_input",pwd\_cgi,"message\_input",login\_error\_msg,0);

printf\_msg\_into\_html(message\_to\_htm,"login.htm");

}

}//判断学生登录系统是否成功

学生登录系统是否成功

教师登录页面下进行增删改查四种操作。

else if(strcmp(mode\_cgi,"teacher")==0) //teacher模式下可以对数据库进行增删改查四种action

{

if(cgiFormString("action\_html",action\_cgi,sizeof(action\_cgi))!=cgiFormSuccess)

{

char\* error\_message="";

TMPL\_varlist\* message\_cgi\_qurey\_result=0;

printf\_msg\_into\_html(message\_cgi\_qurey\_result,"teacher\_home\_page.htm");

}else if(strcmp(action\_cgi,"query\_select")==0)

label\_teacher\_logged: {

char mysql\_query\_return\_message[1024]={0};

char\* mysql\_query\_msg = "select qq.id,qq.job\_number,qq.name,gd.gender,ps.political\_status,qq.height,qq.bithplace,qq.hobby FROM t\_students qq left join t\_students\_political\_status\_id ps on qq.political\_status=ps.political\_status\_id left join t\_students\_gender\_id gd on qq.gender=gd.gender\_id";

MYSQL\*tube\_query = MYSQL\_QUERY(mysql\_query\_msg,mysql\_query\_return\_message);

TMPL\_varlist\* message\_cgi\_qurey\_result=0;

if(strlen(mysql\_query\_return\_message)==0)

{

MYSQL\_ROW mysql\_one\_row\_result;

TMPL\_loop\* qurey\_result\_loop=0;

MYSQL\_RES\* mysql\_select\_result=mysql\_store\_result(tube\_query);

while(mysql\_one\_row\_result=mysql\_fetch\_row(mysql\_select\_result))

{

qurey\_result\_loop=TMPL\_add\_varlist(qurey\_result\_loop,TMPL\_add\_var(0,"id\_input",mysql\_one\_row\_result[0],"job\_number\_input",mysql\_one\_row\_result[1],"name\_input",mysql\_one\_row\_result[2],"gender\_input",mysql\_one\_row\_result[3],"ps\_input",mysql\_one\_row\_result[4],"height\_input",mysql\_one\_row\_result[5],"bithplace\_input",mysql\_one\_row\_result[6],"hobby\_input",mysql\_one\_row\_result[7],0));

}

message\_cgi\_qurey\_result=TMPL\_add\_loop(message\_cgi\_qurey\_result,"result\_input\_all",qurey\_result\_loop);

mysql\_free\_result(mysql\_select\_result); //用完之后free掉

mysql\_close(tube\_query);

}

message\_cgi\_qurey\_result=TMPL\_add\_var(message\_cgi\_qurey\_result,"message",mysql\_query\_return\_message,0);

printf\_msg\_into\_html(message\_cgi\_qurey\_result,"teacher\_home\_page.htm");

}//以上是teacher查询数据库行为所需的代码。

else if(strcmp(action\_cgi,"query\_modify")==0)

teacher查询数据库

{

if(cgiFormSubmitClicked("submit\_change\_message")!=cgiFormSuccess)

{

int id\_cgi;

char mysql\_change\_msg[200]={0};

char mysql\_return\_change\_message[200]={0};

MYSQL\*tube\_modify = mysql\_init(0);

cgiFormInteger("id\_htm",&id\_cgi,999);

sprintf(mysql\_change\_msg,"select \* from t\_students where id=%d",id\_cgi);

tube\_modify = MYSQL\_QUERY(mysql\_change\_msg,mysql\_return\_change\_message);

if(strlen(mysql\_return\_change\_message)==0)

{

MYSQL\_RES\* mysql\_modify\_result = mysql\_store\_result(tube\_modify);

MYSQL\_ROW mysql\_one\_row=mysql\_fetch\_row(mysql\_modify\_result);

TMPL\_varlist\* varlist\_all\_result = TMPL\_add\_var(0,"id\_input",mysql\_one\_row[0],"job\_number\_input",mysql\_one\_row[1],"name\_input",mysql\_one\_row[2],"height\_input",mysql\_one\_row[5],"bithplace\_input",mysql\_one\_row[6],"hobby\_input",mysql\_one\_row[7],0);

mysql\_close(tube\_modify);

if(printf\_all\_list(mysql\_one\_row[4],"t\_students\_gender\_id",list\_gender))

{

varlist\_all\_result = TMPL\_add\_var(varlist\_all\_result,"gender\_input",list\_gender,0);

}else

{

char\* list\_error="查询性别选项出现问题<br/>";

sprintf(mysql\_return\_change\_message,list\_error);

goto exit;

}

if(printf\_all\_list(mysql\_one\_row[3],"t\_students\_political\_status\_id",list\_ps))

{

varlist\_all\_result = TMPL\_add\_var(varlist\_all\_result,"ps\_input",list\_ps,0);

}else

{

char\* list\_error="查询政治面貌选项出现问题<br/>";

sprintf(mysql\_return\_change\_message,list\_error);

goto exit;

}

exit: cgiHeaderContentType("text/html,charset=gbk");

TMPL\_write("teacher\_change.htm",0,0,varlist\_all\_result,cgiOut,cgiOut);

Teacher修改数据库

}else

{

TMPL\_varlist\* varlist\_error = 0;

varlist\_error = TMPL\_add\_var(varlist\_error,"change\_message\_html",mysql\_return\_change\_message,0);

cgiHeaderContentType("text/html,charset=gbk");

TMPL\_write("teacher\_change.htm",0,0,varlist\_error,cgiOut,cgiOut);

}

//以上是teacher模式下修改数据前的页面

}else if(cgiFormSubmitClicked("submit\_change\_message")==cgiFormSuccess)

{

char query\_msg[200]={0};

char error\_change\_message[1024]={0};

TMPL\_varlist\* result\_message = 0;

cgiFormString("id\_htm",id\_cgi,sizeof(id\_cgi));

cgiFormString("name\_html",name\_cgi,sizeof(name\_cgi));

cgiFormString("job\_number\_html",job\_number\_cgi,sizeof(job\_number\_cgi));

cgiFormString("gender\_html",gender\_cgi,sizeof(gender\_cgi));

cgiFormString("ps\_html",ps\_cgi,sizeof(ps\_cgi));

cgiFormString("height\_html",height\_cgi,sizeof(height\_cgi));

cgiFormString("bithplace\_html",bithplace\_cgi,sizeof(bithplace\_cgi));

cgiFormString("hobby\_html",hobby\_cgi,sizeof(hobby\_cgi));

if((strlen(name\_cgi)==0)||(strlen(job\_number\_cgi)==0)||(strlen(gender\_cgi)==0)||(strlen(ps\_cgi)==0)||(strlen(height\_cgi)==0)||(strlen(bithplace\_cgi)==0)||(strlen(hobby\_cgi)==0))

{

char\* message="请再次检查提交信息，所有字段均不能为空";

strcpy(error\_change\_message,message);

result\_message = TMPL\_add\_var(result\_message,"change\_message\_html",error\_change\_message,"id\_input",id\_cgi,"job\_number\_input",job\_number\_cgi,"name\_input",name\_cgi,"height\_input",height\_cgi,"bithplace\_input",bithplace\_cgi,"hobby\_input",hobby\_cgi,0);

printf\_all\_list(gender\_cgi,"t\_students\_gender\_id",list\_gender);

printf\_all\_list(ps\_cgi,"t\_students\_political\_status\_id",list\_ps);

result\_message = TMPL\_add\_var(result\_message,"gender\_input",list\_gender,"ps\_input",list\_ps,0);

cgiHeaderContentType("text/html,charset=gbk");

TMPL\_write("teacher\_change.htm",0,0,result\_message,cgiOut,cgiOut);

}else

{

MYSQL\* tube = mysql\_init(0);

cgiFormString("id\_htm",id\_cgi,sizeof(id\_cgi));

Teacher修改数据库

cgiFormString("name\_html",name\_cgi,sizeof(name\_cgi));

cgiFormString("job\_number\_html",job\_number\_cgi,sizeof(job\_number\_cgi));

cgiFormString("gender\_html",gender\_cgi,sizeof(gender\_cgi));

cgiFormString("ps\_html",ps\_cgi,sizeof(ps\_cgi));

cgiFormString("height\_html",height\_cgi,sizeof(height\_cgi));

cgiFormString("bithplace\_html",bithplace\_cgi,sizeof(bithplace\_cgi));

cgiFormString("hobby\_html",hobby\_cgi,sizeof(hobby\_cgi));

sprintf(query\_msg,"update t\_students set job\_number='%s',name='%s',political\_status='%s',gender='%s',height='%s',bithplace='%s',hobby='%s' where id='%s'",job\_number\_cgi,name\_cgi,ps\_cgi,gender\_cgi,height\_cgi,bithplace\_cgi,hobby\_cgi,id\_cgi);

tube = MYSQL\_QUERY(query\_msg,error\_change\_message);

mysql\_close(tube);

if(strlen(error\_change\_message)==0)

{

char\* modify\_result="数据库修改数据成功";

strcpy(error\_change\_message,modify\_result);

}else

{

}

result\_message = TMPL\_add\_var(result\_message,"change\_message\_html",error\_change\_message,"job\_number\_input",job\_number\_cgi,"name\_input",name\_cgi,"height\_input",height\_cgi,"bithplace\_input",bithplace\_cgi,"hobby\_input",hobby\_cgi,0);

printf\_all\_list(gender\_cgi,"t\_students\_gender\_id",list\_gender);

printf\_all\_list(ps\_cgi,"t\_students\_political\_status\_id",list\_ps);

result\_message = TMPL\_add\_var(result\_message,"gender\_input",list\_gender,"ps\_input",list\_ps,0);

cgiHeaderContentType("text/html,charset=gbk");

TMPL\_write("teacher\_change.htm",0,0,result\_message,cgiOut,cgiOut);

}

} //以上是teacher模式下修改数据库行为所需的代码

}else if(strcmp(action\_cgi,"query\_insert")==0)

{

if(cgiFormSubmitClicked("submit\_message")!=cgiFormSuccess)

{

TMPL\_varlist\* message\_into\_html=0;

printf\_all\_list("","t\_students\_gender\_id",list\_gender);

printf\_all\_list("","t\_students\_political\_status\_id",list\_ps);

Teacher修改数据库

message\_into\_html=TMPL\_add\_var(message\_into\_html,"gender\_input",list\_gender,"ps\_input",list\_ps,0);

printf\_msg\_into\_html(message\_into\_html,"teacher\_add.htm");

}else if(cgiFormSubmitClicked("submit\_message")==cgiFormSuccess)

{

cgiFormString("id\_htm",id\_cgi,sizeof(id\_cgi));

cgiFormString("name\_html",name\_cgi,sizeof(name\_cgi));

cgiFormString("job\_number\_html",job\_number\_cgi,sizeof(job\_number\_cgi));

cgiFormString("gender\_html",gender\_cgi,sizeof(gender\_cgi));

cgiFormString("ps\_html",ps\_cgi,sizeof(ps\_cgi));

cgiFormString("height\_html",height\_cgi,sizeof(height\_cgi));

cgiFormString("bithplace\_html",bithplace\_cgi,sizeof(bithplace\_cgi));

cgiFormString("hobby\_html",hobby\_cgi,sizeof(hobby\_cgi));

if((strlen(name\_cgi)==0)||(strlen(job\_number\_cgi)==0)||(strlen(gender\_cgi)==0)||(strlen(ps\_cgi)==0)||(strlen(height\_cgi)==0)||(strlen(bithplace\_cgi)==0)||(strlen(hobby\_cgi)==0))

{

char\* error\_message="请再次检查输入项，所有栏目均不能空<br/>";

TMPL\_varlist\* message\_into\_html=0;

message\_into\_html=TMPL\_add\_var(message\_into\_html,"insert\_message\_html",error\_message,"job\_number\_input",job\_number\_cgi,"name\_input",name\_cgi,"height\_input",height\_cgi,"bithplace\_input",bithplace\_cgi,"hobby\_input",hobby\_cgi,0);

printf\_all\_list("","t\_students\_gender\_id",list\_gender); //传过去一个空值，说明什么都没选中

printf\_all\_list("","t\_students\_political\_status\_id",list\_ps);

message\_into\_html=TMPL\_add\_var(message\_into\_html,"gender\_input",list\_gender,"ps\_input",list\_ps,0);

printf\_msg\_into\_html(message\_into\_html,"teacher\_add.htm");

}else

{

char query\_msg[200]={0};

char error\_message[1024]={0};

TMPL\_varlist\* insert\_result=0;

sprintf(query\_msg,"insert into t\_students(job\_number,name,political\_status,gender,height,bithplace,hobby) values('%s','%s','%s','%s','%s','%s','%s')",job\_number\_cgi,name\_cgi,ps\_cgi,gender\_cgi,height\_cgi,bithplace\_cgi,hobby\_cgi);

MYSQL\_QUERY(query\_msg,error\_message);

if(strlen(error\_message)==0)

{

Teacher插入数据库

sprintf(error\_message,"成功插入一条数据插入<br/>");

}

insert\_result=TMPL\_add\_var(insert\_result,"insert\_message\_html",error\_message,"job\_number\_input",job\_number\_cgi,"name\_input",name\_cgi,"height\_input",height\_cgi,"bithplace\_input",bithplace\_cgi,"hobby\_input",hobby\_cgi,0);

printf\_all\_list(gender\_cgi,"t\_students\_gender\_id",list\_gender);

printf\_all\_list(ps\_cgi,"t\_students\_political\_status\_id",list\_ps);

insert\_result=TMPL\_add\_var(insert\_result,"gender\_input",list\_gender,"ps\_input",list\_ps,0);

printf\_msg\_into\_html(insert\_result,"teacher\_add.htm");

}

}//以上是teacher模式下新增数据行为所需的代码

}else if((strcmp(mode\_cgi,"teacher")==0)&&(strcmp(action\_cgi,"query\_delelete")==0)&&(cgiFormString("id\_htm",id\_cgi,sizeof(id\_cgi))==cgiFormSuccess))

{

char query\_msg[200]={0};

char error\_message\_delete[1024]={0};

sprintf(query\_msg,"delete from t\_students where id=%s",id\_cgi);

MYSQL\_QUERY(query\_msg,error\_message\_delete);

cgiHeaderLocation("login.cgi?mode\_html=teacher&action\_html=query\_select");//以上是teacher模式下删除数据行为所需代码

}

Teacher新增、删除数据

学生登录模式下可以进行改查操作。

else if(strcmp(mode\_cgi,"student")==0) //student模式下只能查看或修改自己的个人信息

{

if(get\_session\_id(student\_teacher\_number\_cgi))

{

if(cgiFormString("action\_html",action\_cgi,sizeof(action\_cgi))!=cgiFormSuccess)

{

char\* error\_message="";

TMPL\_varlist\* message\_cgi\_qurey\_result=0;

printf\_msg\_into\_html(message\_cgi\_qurey\_result,"student\_home\_page.htm");

}else if(strcmp(action\_cgi,"query\_select")==0)

{

char mysql\_query\_return\_message[200]={0};

char mysql\_query\_msg[500]={0};

MYSQL\*tube\_query = mysql\_init(0);

TMPL\_varlist\* qurey\_result=0;

sprintf(mysql\_query\_msg,"select qq.id,qq.job\_number,qq.name,gd.gender,ps.political\_status,qq.height,qq.bithplace,qq.hobby FROM t\_students qq left join t\_students\_political\_status\_id ps on qq.political\_status=ps.political\_status\_id left join t\_students\_gender\_id gd on qq.gender=gd.gender\_id where job\_number='%s'",student\_teacher\_number\_cgi);

tube\_query = MYSQL\_QUERY(mysql\_query\_msg,mysql\_query\_return\_message);

if(strlen(mysql\_query\_return\_message)==0)

{

MYSQL\_ROW mysql\_one\_row\_result;

MYSQL\_RES\* mysql\_select\_result=mysql\_store\_result(tube\_query); //虽然teacher组也定义了同样变量但是在不同函数内

char student\_teacher\_number\_cgi[50]={0};

mysql\_one\_row\_result=mysql\_fetch\_row(mysql\_select\_result);

qurey\_result=TMPL\_add\_var(qurey\_result,"welcom\_name\_input",mysql\_one\_row\_result[2],"id\_input",mysql\_one\_row\_result[0],"job\_number\_input",mysql\_one\_row\_result[1],"name\_input",mysql\_one\_row\_result[2],"gender\_input",mysql\_one\_row\_result[3],"ps\_input",mysql\_one\_row\_result[4],"height\_input",mysql\_one\_row\_result[5],"bithplace\_input",mysql\_one\_row\_result[6],"hobby\_input",mysql\_one\_row\_result[7],0);

sprintf(mysql\_query\_return\_message,"以上是你的个人信息");

mysql\_free\_result(mysql\_select\_result); //用完之后free掉

mysql\_close(tube\_query);

}

qurey\_result=TMPL\_add\_var(qurey\_result,"message",mysql\_query\_return\_message,0);

printf\_msg\_into\_html(qurey\_result,"student\_home\_page.htm");

}//以上是student模式下查询个人信息所需的代码。

student查询个人信息

else if(strcmp(action\_cgi,"query\_modify")==0)

{

if(cgiFormSubmitClicked("submit\_change\_message")!=cgiFormSuccess)

{

int id\_cgi;

char mysql\_change\_msg[200]={0};

char mysql\_return\_change\_message[200]={0};

MYSQL\*tube\_modify = mysql\_init(0);

cgiFormInteger("id\_htm",&id\_cgi,999);

sprintf(mysql\_change\_msg,"select \* from t\_students where id=%d",id\_cgi);

tube\_modify = MYSQL\_QUERY(mysql\_change\_msg,mysql\_return\_change\_message);

if(strlen(mysql\_return\_change\_message)==0)

{

MYSQL\_RES\* mysql\_modify\_result = mysql\_store\_result(tube\_modify);

MYSQL\_ROW mysql\_one\_row=mysql\_fetch\_row(mysql\_modify\_result);

TMPL\_varlist\* varlist\_all\_result = TMPL\_add\_var(0,"id\_input",mysql\_one\_row[0],"job\_number\_input",mysql\_one\_row[1],"name\_input",mysql\_one\_row[2],"height\_input",mysql\_one\_row[5],"bithplace\_input",mysql\_one\_row[6],"hobby\_input",mysql\_one\_row[7],0);

mysql\_close(tube\_modify);

if(printf\_all\_list(mysql\_one\_row[4],"t\_students\_gender\_id",list\_gender))

{

varlist\_all\_result = TMPL\_add\_var(varlist\_all\_result,"gender\_input",list\_gender,0);

}else

{

char\* list\_error="查询性别选项出现问题<br/>";

sprintf(mysql\_return\_change\_message,list\_error);

goto exit\_student;

}

if(printf\_all\_list(mysql\_one\_row[3],"t\_students\_political\_status\_id",list\_ps))

{

varlist\_all\_result = TMPL\_add\_var(varlist\_all\_result,"ps\_input",list\_ps,0);

}else

{

char\* list\_error="查询政治面貌选项出现问题<br/>";

sprintf(mysql\_return\_change\_message,list\_error);

goto exit\_student;

}

exit\_student: cgiHeaderContentType("text/html,charset=gbk");

Student修改个人信息

TMPL\_write("student\_change.htm",0,0,varlist\_all\_result,cgiOut,cgiOut);

}else

{

TMPL\_varlist\* varlist\_error = 0;

varlist\_error = TMPL\_add\_var(varlist\_error,"change\_message\_html",mysql\_return\_change\_message,0);

cgiHeaderContentType("text/html,charset=gbk");

TMPL\_write("student\_change.htm",0,0,varlist\_error,cgiOut,cgiOut);

}//以上是student模式下修改数据前的显示页面

}else if(cgiFormSubmitClicked("submit\_change\_message")==cgiFormSuccess)

{

char query\_msg[200]={0};

char stu\_change\_result\_message[1024]={0};

TMPL\_varlist\* result\_message = 0;

cgiFormString("id\_htm",id\_cgi,sizeof(id\_cgi));

cgiFormString("name\_html",name\_cgi,sizeof(name\_cgi));

cgiFormString("job\_number\_html",job\_number\_cgi,sizeof(job\_number\_cgi));

cgiFormString("gender\_html",gender\_cgi,sizeof(gender\_cgi));

cgiFormString("ps\_html",ps\_cgi,sizeof(ps\_cgi));

cgiFormString("height\_html",height\_cgi,sizeof(height\_cgi));

cgiFormString("bithplace\_html",bithplace\_cgi,sizeof(bithplace\_cgi));

cgiFormString("hobby\_html",hobby\_cgi,sizeof(hobby\_cgi));

if((strlen(name\_cgi)==0)||(strlen(job\_number\_cgi)==0)||(strlen(gender\_cgi)==0)||(strlen(ps\_cgi)==0)||(strlen(height\_cgi)==0)||(strlen(bithplace\_cgi)==0)||(strlen(hobby\_cgi)==0))

{

char\* message="请再次检查提交信息，所有字段均不能为空";

strcpy(stu\_change\_result\_message,message);

result\_message = TMPL\_add\_var(result\_message,"change\_message\_html",stu\_change\_result\_message,"id\_input",id\_cgi,"job\_number\_input",job\_number\_cgi,"name\_input",name\_cgi,"height\_input",height\_cgi,"bithplace\_input",bithplace\_cgi,"hobby\_input",hobby\_cgi,0);

printf\_all\_list(gender\_cgi,"t\_students\_gender\_id",list\_gender);

printf\_all\_list(ps\_cgi,"t\_students\_political\_status\_id",list\_ps);

result\_message = TMPL\_add\_var(result\_message,"gender\_input",list\_gender,"ps\_input",list\_ps,0);

cgiHeaderContentType("text/html,charset=gbk");

TMPL\_write("student\_change.htm",0,0,result\_message,cgiOut,cgiOut);

}else

{

MYSQL\* tube = mysql\_init(0);

Student修改个人信息

sprintf(query\_msg,"update t\_students set job\_number='%s',name='%s',political\_status='%s',gender='%s',height='%s',bithplace='%s',hobby='%s' where id='%s'",job\_number\_cgi,name\_cgi,ps\_cgi,gender\_cgi,height\_cgi,bithplace\_cgi,hobby\_cgi,id\_cgi);

tube = MYSQL\_QUERY(query\_msg,stu\_change\_result\_message);

mysql\_close(tube);

if(strlen(stu\_change\_result\_message)==0)

{

char\* modify\_result="数据库修改数据成功";

strcpy(stu\_change\_result\_message,modify\_result);

}else

{

}

result\_message = TMPL\_add\_var(result\_message,"change\_message\_html",stu\_change\_result\_message,"job\_number\_input",job\_number\_cgi,"name\_input",name\_cgi,"height\_input",height\_cgi,"bithplace\_input",bithplace\_cgi,"hobby\_input",hobby\_cgi,0);

printf\_all\_list(gender\_cgi,"t\_students\_gender\_id",list\_gender);

printf\_all\_list(ps\_cgi,"t\_students\_political\_status\_id",list\_ps);

result\_message = TMPL\_add\_var(result\_message,"gender\_input",list\_gender,"ps\_input",list\_ps,0);

cgiHeaderContentType("text/html,charset=gbk");

TMPL\_write("student\_change.htm",0,0,result\_message,cgiOut,cgiOut);

}

} //以上是student模式修改数据库行为所需的代码

}

}else

{

cgiHeaderLocation("login.cgi");

}

Student修改个人信息