

附录

主页面（MDImain）:

```
Private Sub addbook_Click()
```

```
add_book.Show
```

```
End Sub
```

```
Private Sub addreader_Click()
```

```
add_reader.Show
```

```
End Sub
```

```
Private Sub adduser_Click()
```

```
add_user.Show
```

```
End Sub
```

```
Private Sub backbook_Click()
```

```
back_book.Show
```

```
End Sub
```

```
Private Sub borrowbook_Click()
```

```
borrow_book.Show
```

```
End Sub
```

```
Private Sub cuibackbook_Click()
```

cuiback_book.Show

End Sub

Private Sub findbook_Click()

find_book.Show

End Sub

Private Sub findreader_Click()

find_reader.Show

End Sub

Private Sub MDIForm_Load()

End Sub

Private Sub modifybook_Click()

change_book.Show

End Sub

Private Sub modifypwd_Click()

change_pwd.Show

End Sub

Private Sub modifyreader_Click()

```
change_reader.Show
```

```
End Sub
```

```
Private Sub delbook_Click()
```

```
del_book.Show
```

```
End Sub
```

```
Private Sub delreder_Click()
```

```
del_reader.Show
```

```
End Sub
```

```
Private Sub quitsys_Click()
```

```
End
```

```
End Sub
```

登陆 (login):

```
Option Explicit
```

```
Dim cnt As Integer '记录确定次数
```

```
Private Sub Command1_Click()
```

```
Dim sql As String
```

```
Dim rs_login As New ADODB.Recordset
```

```
If Trim(txtuser.Text) = "" Then '判断输入的顾客名与否为空
```

```
MsgBox "没有这个顾客", vbOKOnly + vbExclamation, ""
```

```
txtuser.SetFocus
```

```
Else
```

```
sql = "select * from 顾客表 where 顾客名=" & txtuser.Text & ""
```

```
rs_login.Open sql, conn, adOpenKeyset, adLockPessimistic
```

```
If rs_login.EOF = True Then
```

```
    MsgBox "没有这个顾客", vbOKOnly + vbExclamation, ""
```

```
    txtuser.SetFocus
```

```
Else                                     '检查密码与否对的
```

```
    If Trim(rs_login.Fields(1)) = Trim(txtpwd.Text) Then
```

```
        userID = txtuser.Text
```

```
        userpow = rs_login.Fields(2)
```

```
        rs_login.Close
```

```
        Unload Me
```

```
        MsgBox "欢迎登录到图书管理系统!", vbOKOnly + vbExclamation, ""
```

```
        MDImain.Show
```

```
    Else
```

```
        MsgBox "密码不对的", vbOKOnly + vbExclamation, ""
```

```
        txtpwd.SetFocus
```

```
    End If
```

End If

End If

cnt = cnt + 1

If cnt = 3 Then

Unload Me

End If

Exit Sub

End Sub

Private Sub Command2_Click()

Unload Me

End Sub

Private Sub Form_Load()

Dim connectionstring As String

connectionstring = "provider=Microsoft.Jet.oledb.4.0;" & _

"data source=图书管理系统.mdb"

conn.Open connectionstring

cnt = 0

End Sub

添加顾客 (add_user):

Private Sub Command1_Click()

```
Dim sql As String
```

```
Dim rs_add As New ADODB.Recordset
```

```
If Trim(Text1.Text) = "" Then
```

```
    MsgBox "顾客名不能为空", vbOKOnly + vbExclamation, ""
```

```
    Exit Sub
```

```
    Text1.SetFocus
```

```
Else
```

```
    sql = "select * from 顾客表"
```

```
    rs_add.Open sql, conn, adOpenKeyset, adLockPessimistic
```

```
    While (rs_add.EOF = False)
```

```
        If Trim(rs_add.Fields(0)) = Trim(Text1.Text) Then
```

```
            MsgBox "已经有这个顾客", vbOKOnly + vbExclamation, ""
```

```
            Text1.SetFocus
```

```
            Text1.Text = ""
```

```
            Text2.Text = ""
```

```
            Text3.Text = ""
```

```
            Combo1.Text = ""
```

```
            Exit Sub
```

```
        Else
```

```
            rs_add.MoveNext
```

End If

Wend

If Trim(Text2.Text) <> Trim(Text3.Text) Then

MsgBox "两次密码不一致", vbOKOnly + vbExclamation, ""

Text2.SetFocus

Text2.Text = ""

Text3.Text = ""

Exit Sub

Elseif Trim(Combo1.Text) <> "system" And Trim(Combo1.Text) <> "guest" Then

MsgBox "请选择对的顾客权限", vbOKOnly + vbExclamation, ""

Combo1.SetFocus

Combo1.Text = ""

Exit Sub

Else

rs_add.AddNew

rs_add.Fields(0) = Text1.Text

rs_add.Fields(1) = Text2.Text

rs_add.Fields(2) = Combo1.Text

rs_add.Update

rs_add.Close

MsgBox "添加顾客成功", vbOKOnly + vbExclamation, ""

Unload Me

End If

End If

End Sub

Private Sub Command2_Click()

Unload Me

End Sub

Private Sub Form_Load()

Combo1.AddItem "system"

Combo1.AddItem "guest"

If userpow = "guest" Then '权限有关

Command1.Enabled = False

Command2.Enabled = False

End If

End Sub

添加读者 (add_reader):

Option Explicit

```
Dim rs_addreader As New ADODB.Recordset
```

```
Private Sub Command1_Click()
```

```
Dim sql As String
```

```
If Trim(Text1.Text) = "" Then
```

```
    MsgBox "借书证号不能为空", vbOKOnly + vbExclamation, ""
```

```
    Text1.SetFocus
```

```
    Exit Sub
```

```
End If
```

```
If Trim(Text2.Text) = "" Then
```

```
    MsgBox "所在单位不能为空", vbOKOnly + vbExclamation, ""
```

```
    Text2.SetFocus
```

```
    Exit Sub
```

```
End If
```

```
If Trim(Text3.Text) = "" Then
```

```
    MsgBox "姓名不能为空", vbOKOnly + vbExclamation, ""
```

```
    Text3.SetFocus
```

```
    Exit Sub
```

```
End If
```

```
If Trim(Text4.Text) = "" Then
```

```
    MsgBox "性别不能为空", vbOKOnly + vbExclamation, ""
```

Text4.SetFocus

Exit Sub

End If

If Trim(Text5.Text) = "" Then

MsgBox "类型不能为空", vbOKOnly + vbExclamation, ""

Text5.SetFocus

Exit Sub

End If

If Trim(Text6.Text) = "" Then

MsgBox "地址不能为空", vbOKOnly + vbExclamation, ""

Text6.SetFocus

Exit Sub

End If

sql = "select * from 读者表 where 借书证号=" & Text1.Text & ""

rs_addreader.Open sql, conn, adOpenKeyset, adLockPessimistic

If rs_addreader.EOF Then

rs_addreader.AddNew

rs_addreader.Fields(0) = Trim(Text1.Text)

rs_addreader.Fields(1) = Trim(Text2.Text)

rs_addreader.Fields(2) = Trim(Text3.Text)

```
rs_addreader.Fields(3) = Trim(Text4.Text)
```

```
rs_addreader.Fields(4) = Trim(Text5.Text)
```

```
rs_addreader.Fields(5) = Trim(Text6.Text)
```

```
rs_addreader.Update
```

```
MsgBox "添加读者信息成功!", vbOKOnly, ""
```

```
Unload Me
```

```
Else
```

```
MsgBox "借书证号反复!", vbOKOnly + vbExclamation, ""
```

```
Text1.SetFocus
```

```
Text1.Text = ""
```

```
rs_addreader.Close
```

```
Exit Sub
```

```
End If
```

```
End Sub
```

```
Private Sub Command2_Click()
```

```
Unload Me
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
If userpow = "guest" Then
```

'权限有关

```
Frame2.Enabled = False
```

End If

End Sub

删除读者(del_reader):

Option Explicit

Dim rs_reader As New ADODB.Recordset

Private Sub cmdcancel_Click()

rs_reader.CancelUpdate

DataGrid1.Refresh

DataGrid1.AllowAddNew = False

DataGrid1.AllowUpdate = False

cmddel.Enabled = True

cmdcancel.Enabled = False

cmdupdate.Enabled = False

End Sub

Private Sub cmddel_Click()

Dim answer As String

On Error GoTo delerror

answer = MsgBox("确定要删除吗? ", vbYesNo, "")

If answer = vbYes Then

DataGrid1.AllowDelete = True

rs_reader.Delete

rs_reader.Update

DataGrid1.Refresh

MsgBox "成功删除！", vbOKOnly + vbExclamation, ""

DataGrid1.AllowDelete = False

rs_reader.Update

DataGrid1.Refresh

Else

Exit Sub

End If

deerror:

If Err.Number <> 0 Then

MsgBox Err.Description

End If

End Sub

Private Sub cmdquit_Click()

Unload Me

End Sub

```
Private Sub cmdupdate_Click()
```

```
If Not IsNull(DataGrid1.Bookmark) Then
```

```
    rs_reader.Update
```

```
End If
```

```
    cmddel.Enabled = True
```

```
    cmdcancel.Enabled = False
```

```
    cmdupdate.Enabled = False
```

```
DataGrid1.AllowUpdate = False
```

```
MsgBox "修改成功！", vbOKOnly + vbExclamation, ""
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
Dim sql As String
```

```
On Error GoTo loaderror
```

```
sql = "select * from 读者表"
```

```
rs_reader.CursorLocation = adUseClient
```

```
rs_reader.Open sql, conn, adOpenKeyset, adLockPessimistic '打开数据库
```

```
cmdupdate.Enabled = False
```

```
'设定 datagrid 控件属性
```

```
DataGrid1.AllowAddNew = False '不可增长
```

```
DataGrid1.AllowDelete = False '不可删除
```

```
DataGrid1.AllowUpdate = False
```

```
If userpow = "guest" Then
```

'权限有关

```
    Frame2.Enabled = False
```

```
End If
```

```
Set DataGrid1.DataSource = rs_reader
```

```
'cmdcancel.Enabled = False
```

```
Exit Sub
```

```
loadererror:
```

```
    MsgBox Err.Description
```

```
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)
```

```
Set DataGrid1.DataSource = Nothing
```

```
rs_reader.Close
```

```
End Sub
```

```
修改读者(change_reader):
```

```
Option Explicit
```

```
Dim rs_reader As New ADODB.Recordset
```

```
Private Sub cmdcancel_Click()
```

```
    rs_reader.CancelUpdate
```

DataGrid1.Refresh

DataGrid1.AllowAddNew = False

DataGrid1.AllowUpdate = False

cmdquit.Enabled = True

cmdchange.Enabled = True

cmdcancel.Enabled = False

cmdupdate.Enabled = False

End Sub

Private Sub cmdchange_Click()

Dim answer As String

On Error GoTo cmdchange

cmdquit.Enabled = True

cmdchange.Enabled = False

cmdupdate.Enabled = True

cmdcancel.Enabled = True

DataGrid1.AllowUpdate = True

cmdchange:

If Err.Number <> 0 Then

MsgBox Err.Description

End If

End Sub

Private Sub cmdquit_Click()

Unload Me

End Sub

Private Sub cmdupdate_Click()

If Not IsNull(DataGrid1.Bookmark) Then

rs_reader.Update

End If

cmdquit.Enabled = True

cmdchange.Enabled = True

cmdcancel.Enabled = False

cmdupdate.Enabled = False

DataGrid1.AllowUpdate = False

MsgBox "修改成功!", vbOKOnly + vbExclamation, ""

End Sub

Private Sub Form_Load()

Dim sql As String

On Error GoTo loadererror

```
sql = "select * from 读者表"
```

```
rs_reader.CursorLocation = adUseClient
```

```
rs_reader.Open sql, conn, adOpenKeyset, adLockPessimistic
```

 '打开数据库

```
cmdupdate.Enabled = False
```

```
'设定 datagrid 控件属性
```

```
DataGrid1.AllowAddNew = False
```

 '不可增长

```
DataGrid1.AllowDelete = False
```

 '不可删除

```
DataGrid1.AllowUpdate = False
```

```
If userpow = "guest" Then
```

 '权限有关

```
Frame2.Enabled = False
```

```
End If
```

```
Set DataGrid1.DataSource = rs_reader
```

```
'cmdcancel.Enabled = False
```

```
Exit Sub
```

```
loadererror:
```

```
MsgBox Err.Description
```

```
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)
```

```
Set DataGrid1.DataSource = Nothing
```

```
rs_reader.Close
```

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