

# 组态王 7.5 和 sql 数据库交互例程说明



用户文档

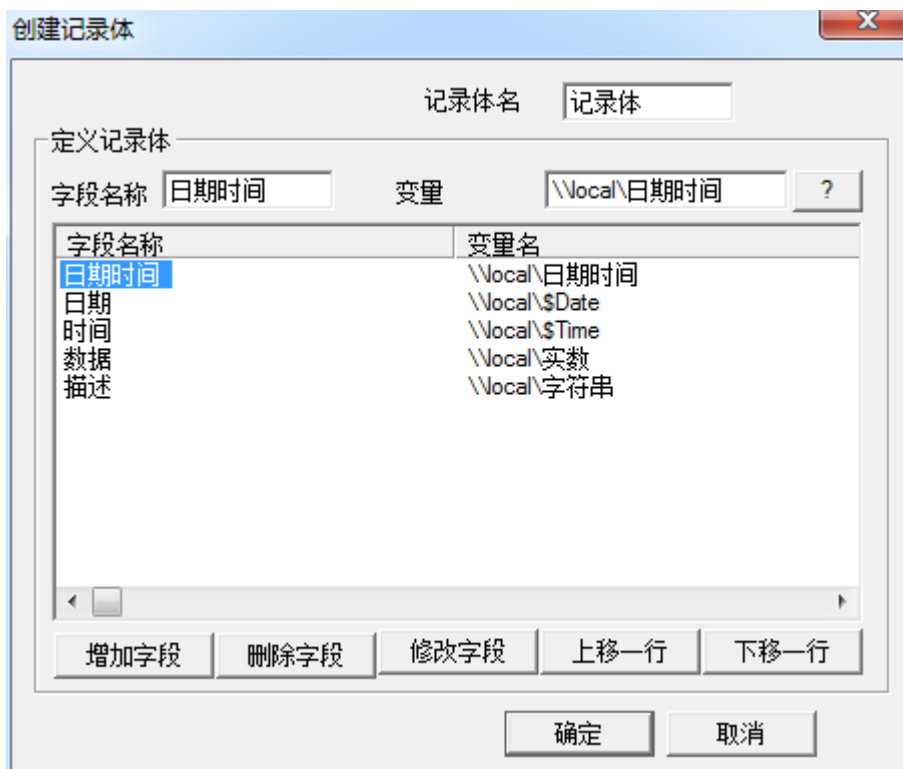
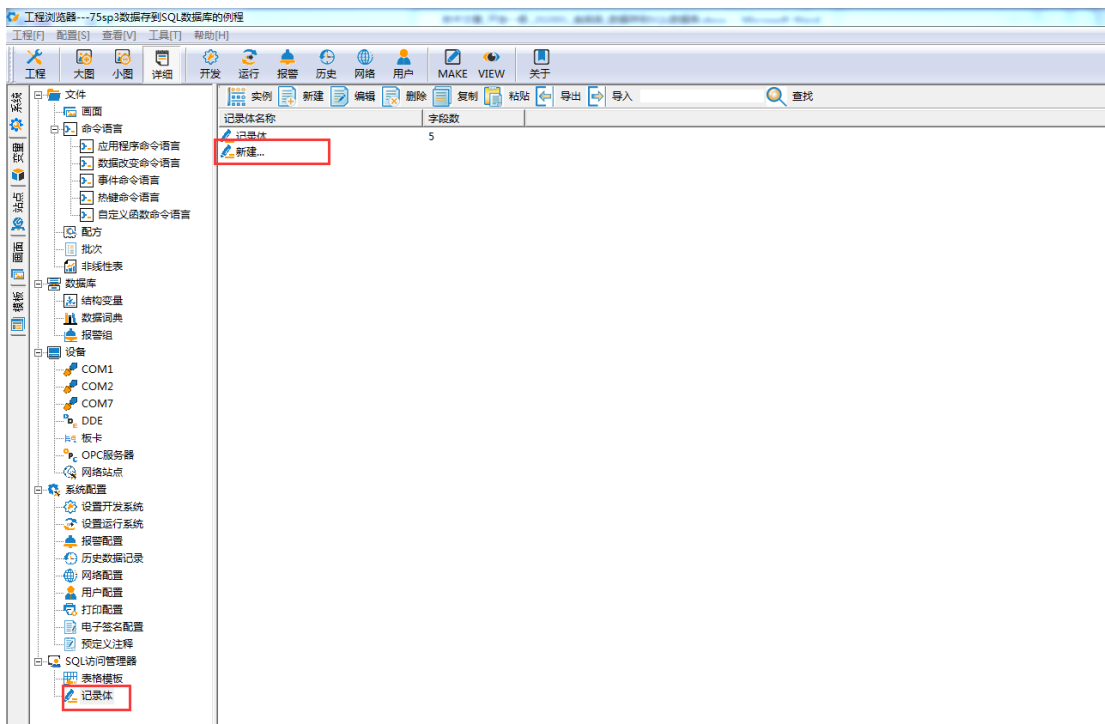
北京亚控科技发展有限公司

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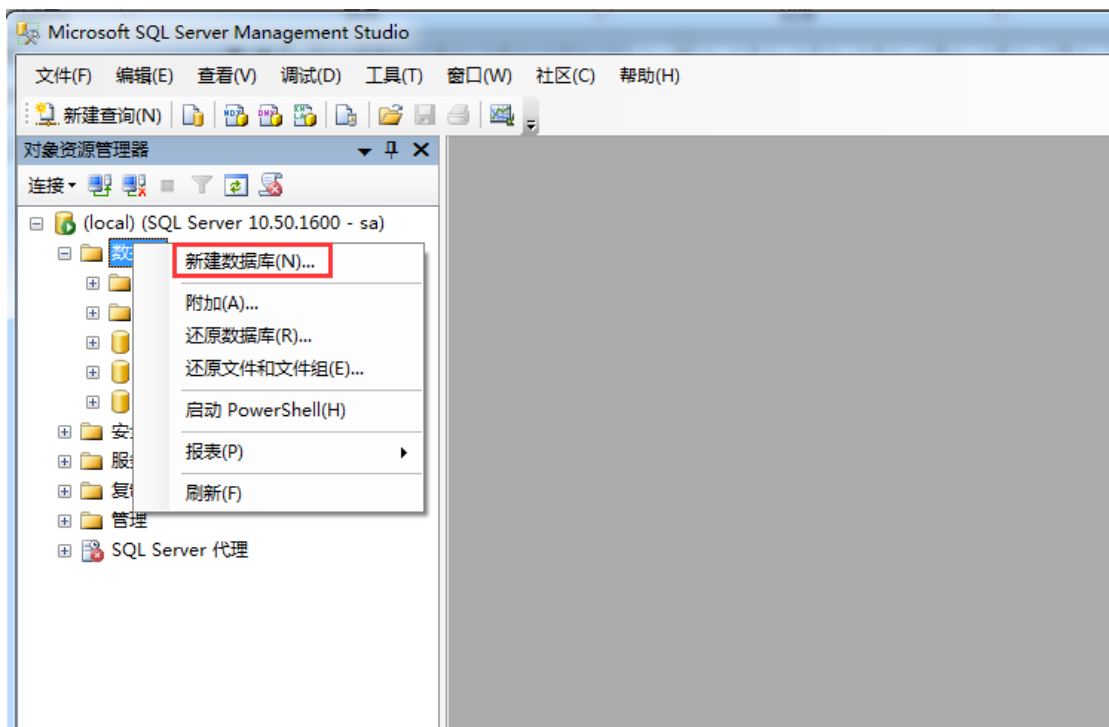
## 1. 组态王新建工程，然后建记录体

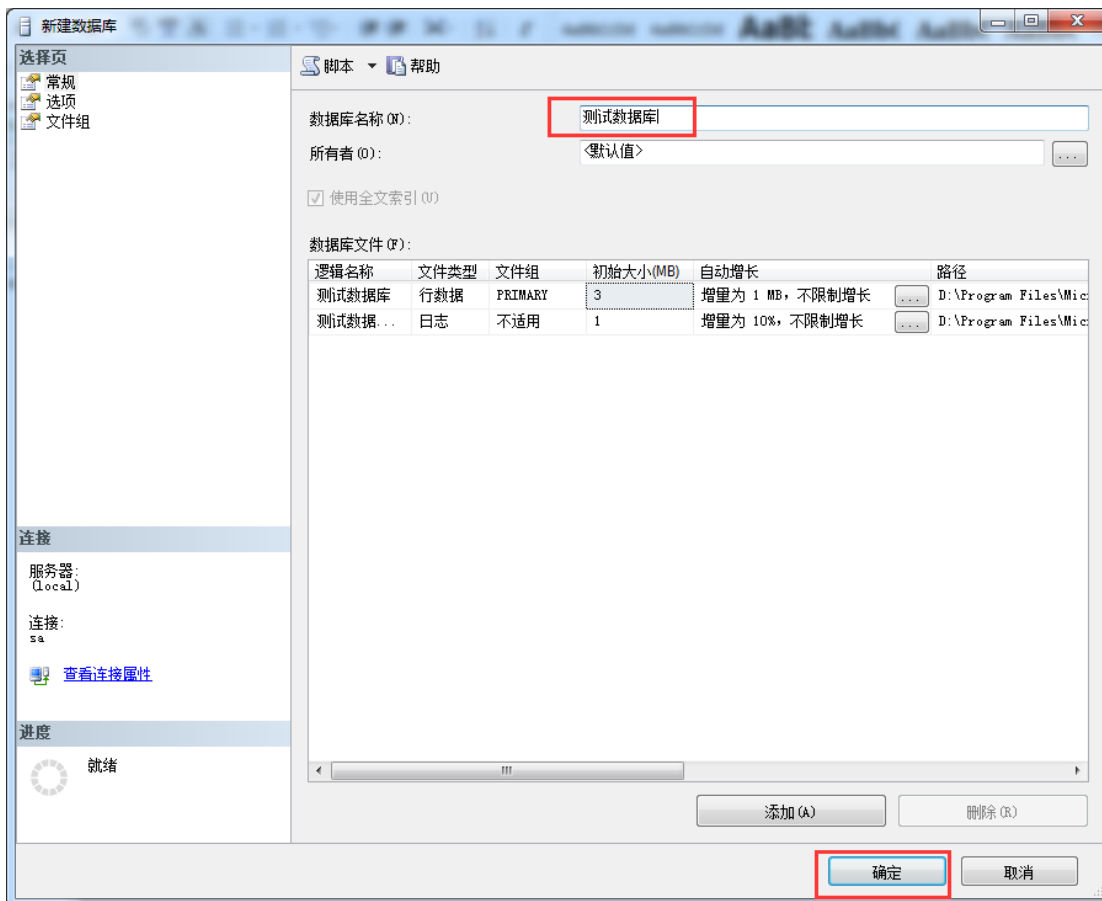


## 2. 建表格模板（创建数据库表格用的）

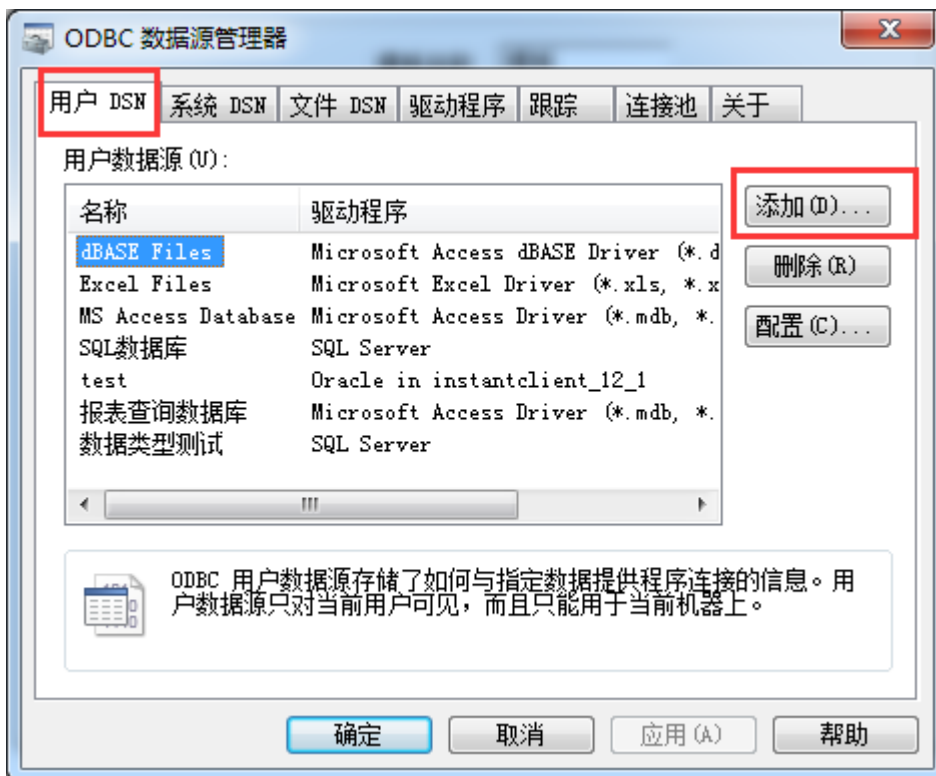


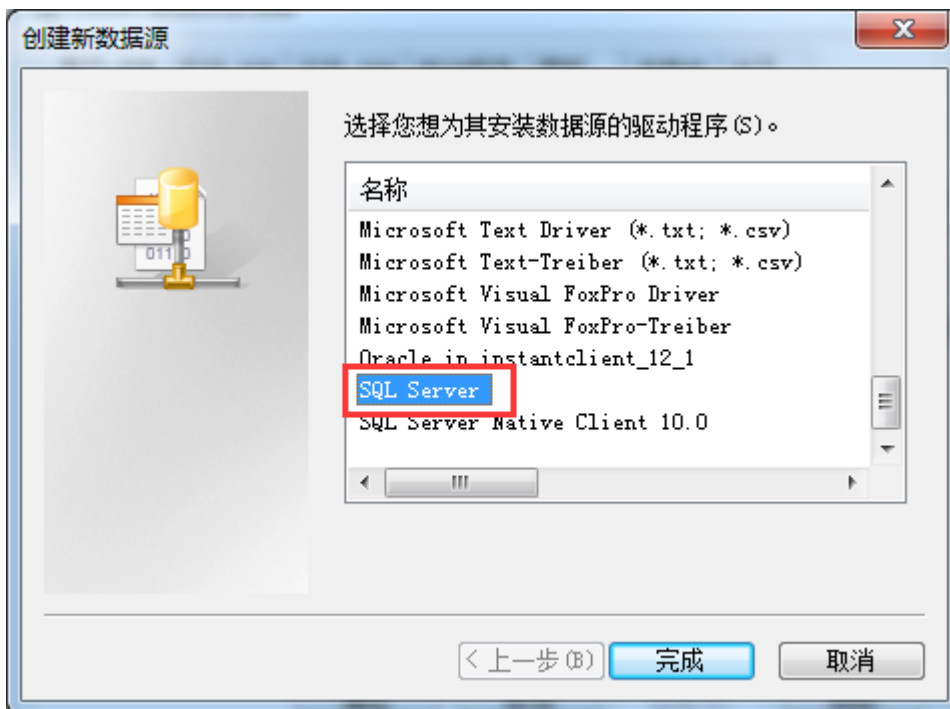
### 3、sql 数据库新建数据库





#### 4、建 ODBC 数据源





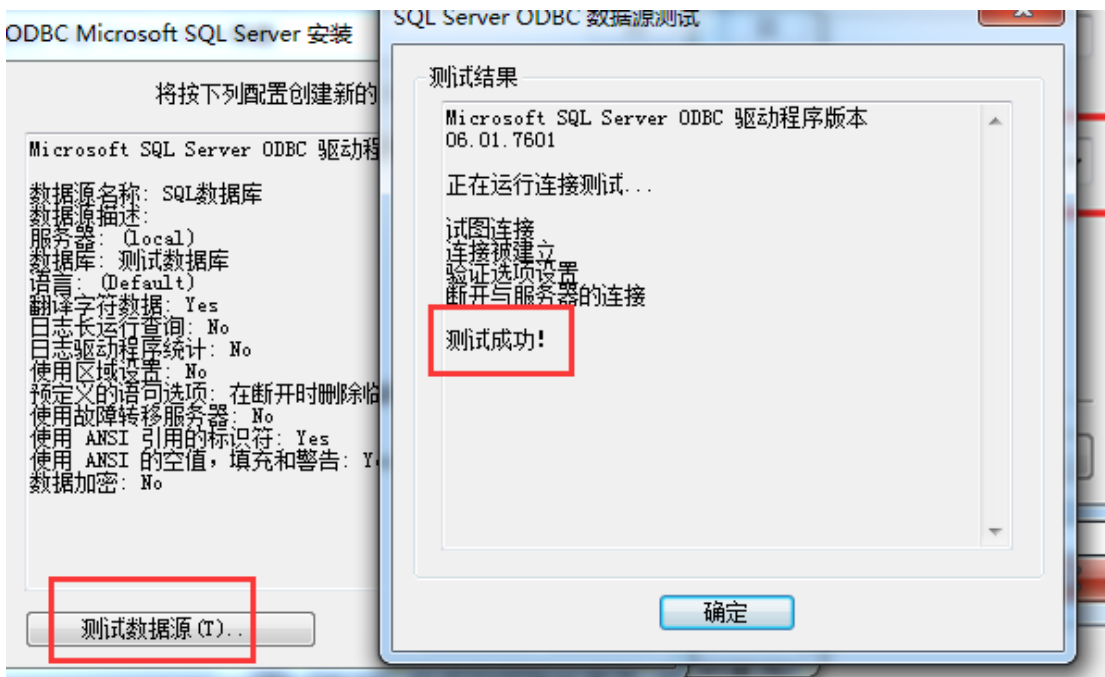
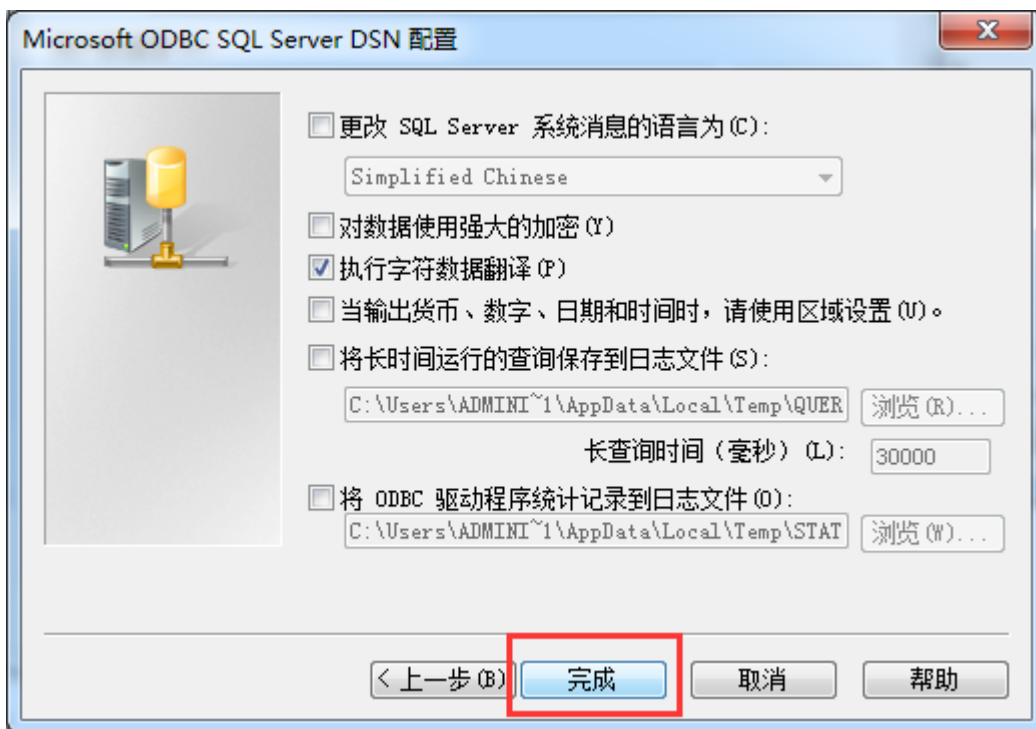
本地数据库就选择 local,其他电脑的数据库, 就选择对应的计算机





默认数据库选择自己新建的数据库



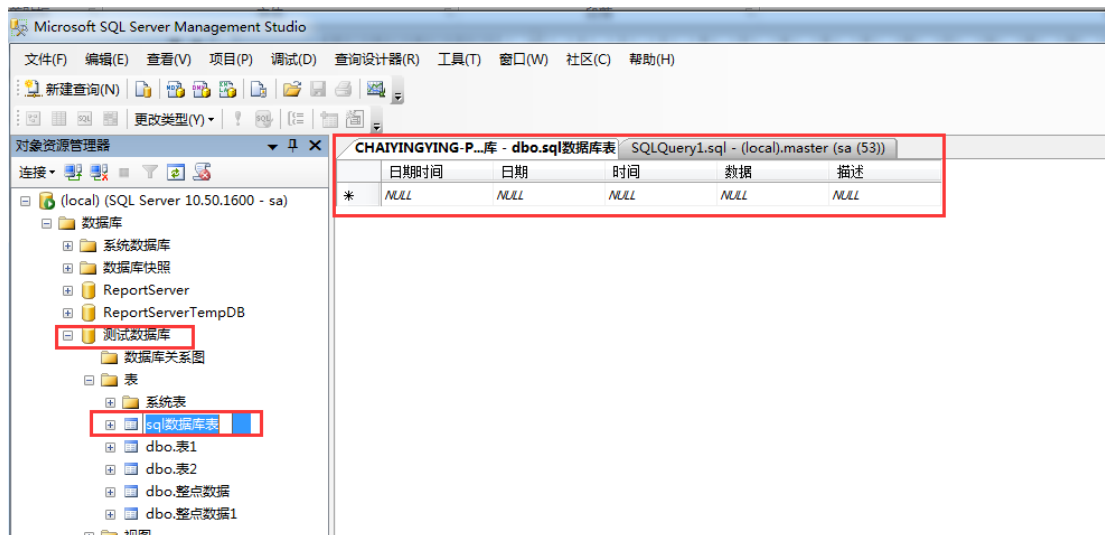
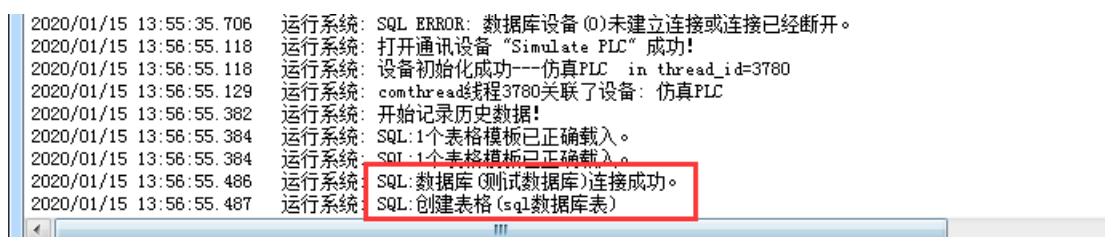


### 5、组态王连接数据库，新建数据库表格

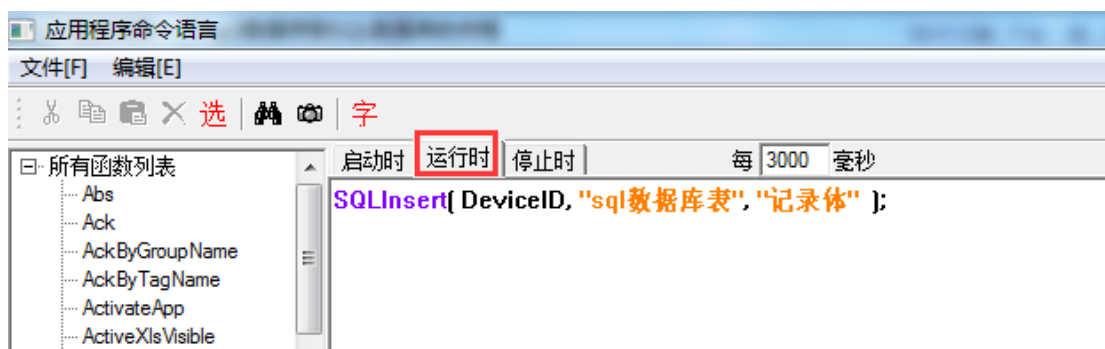




然后运行组态王，就会连接数据库，并在数据库中建名为“sql 数据库表”的一个表格

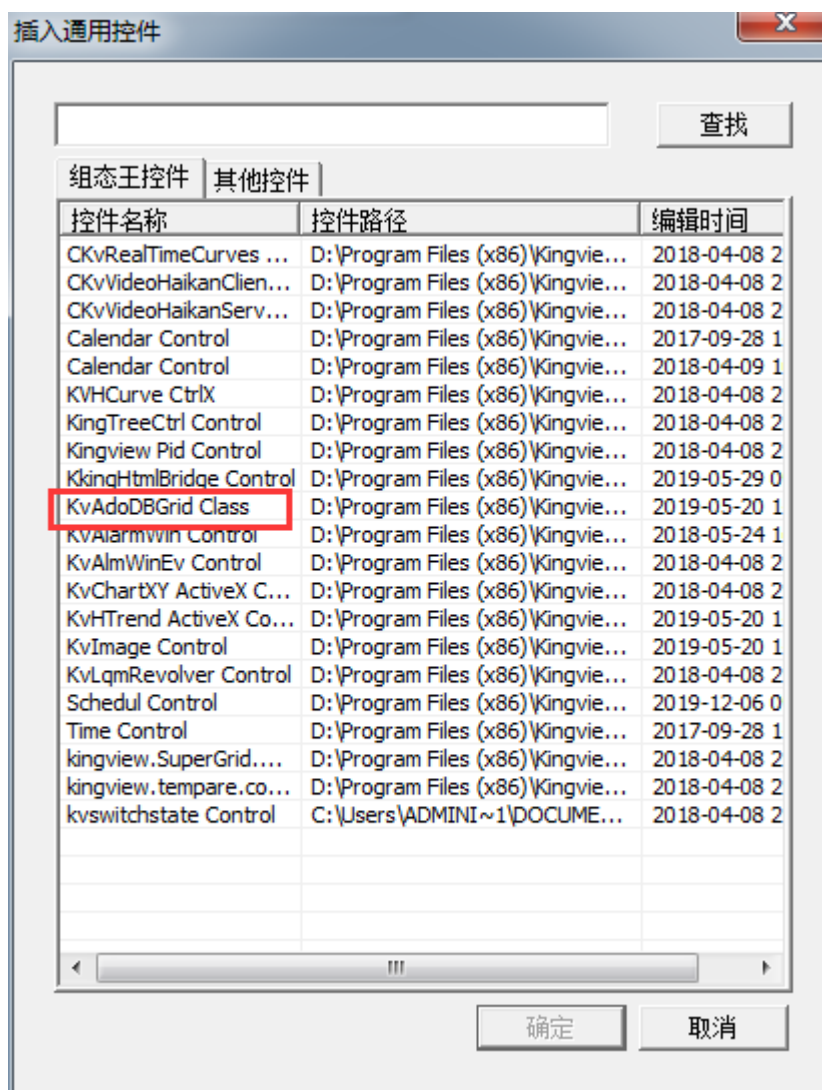
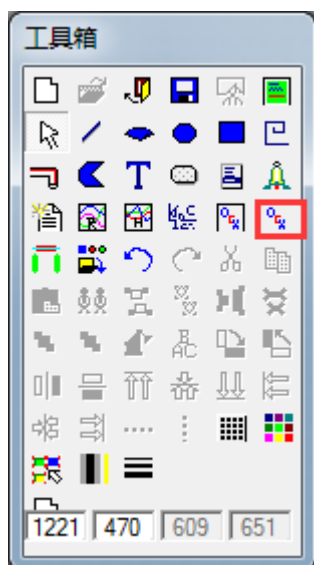


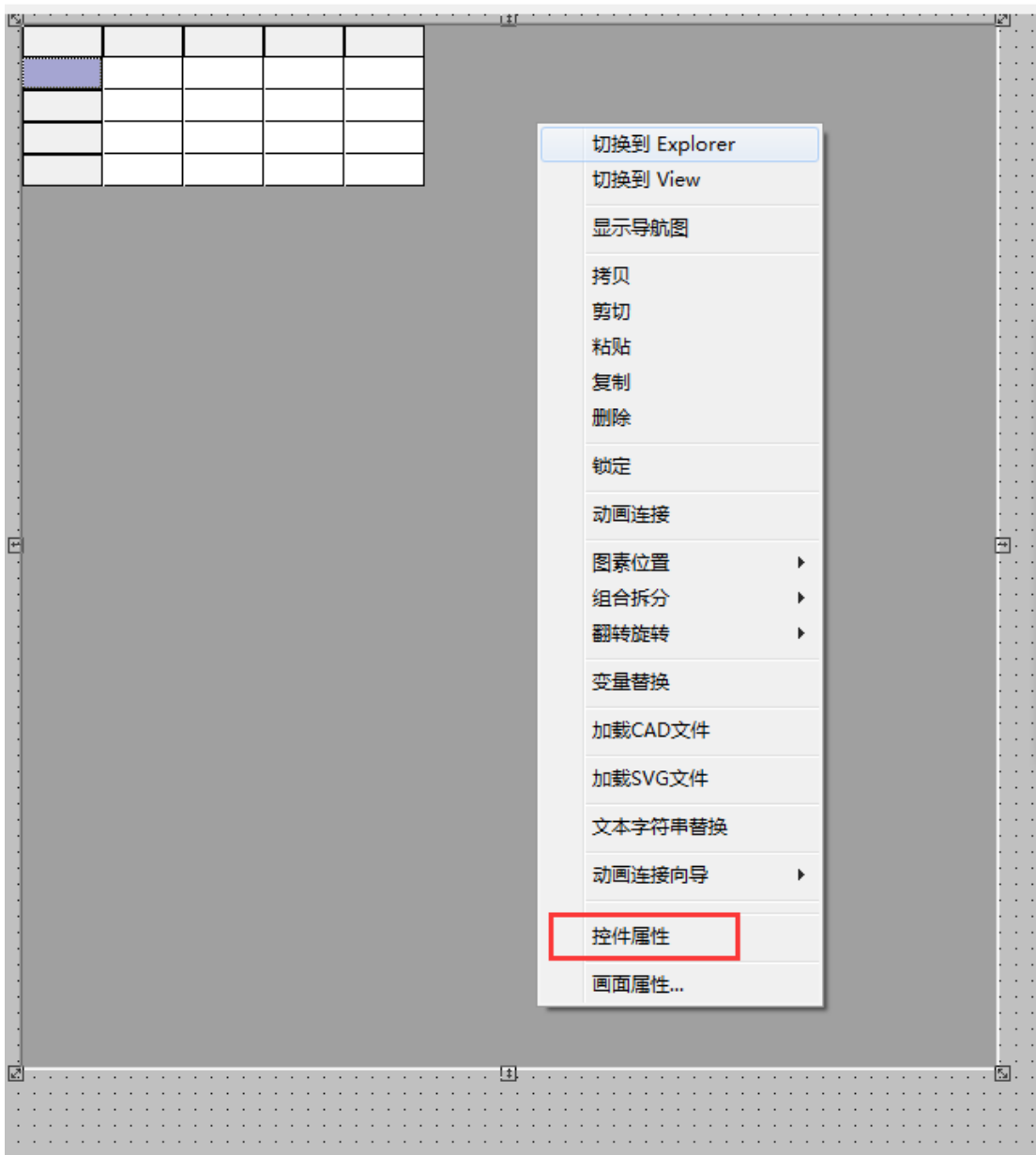
## 6、往数据库中插入数据

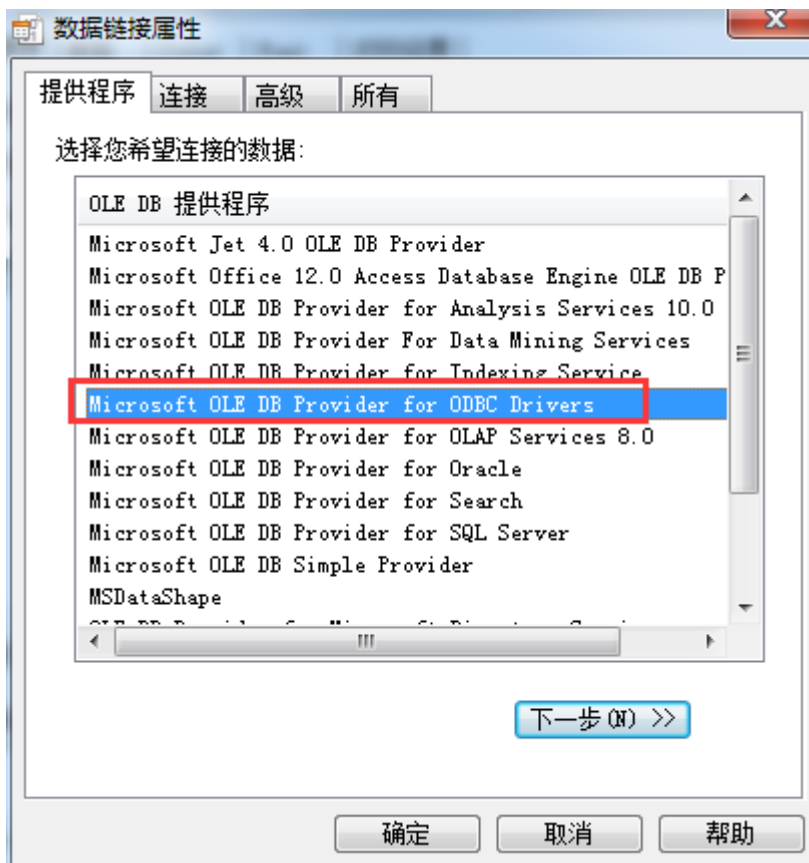
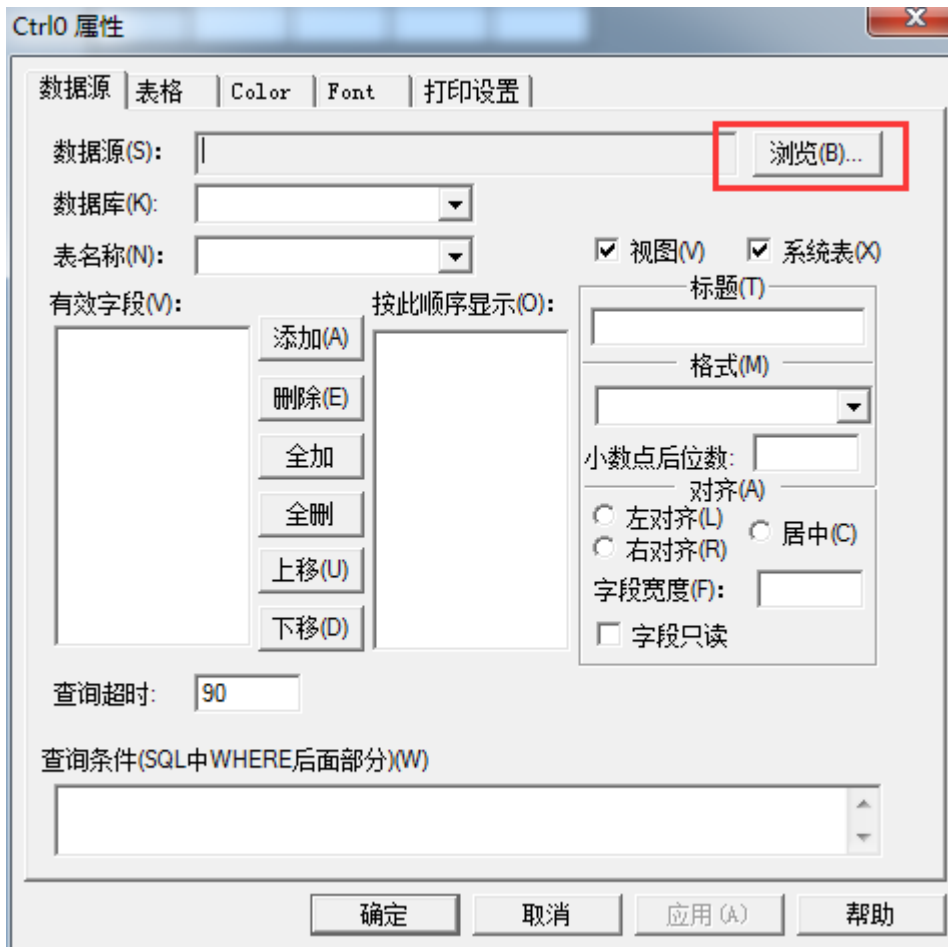


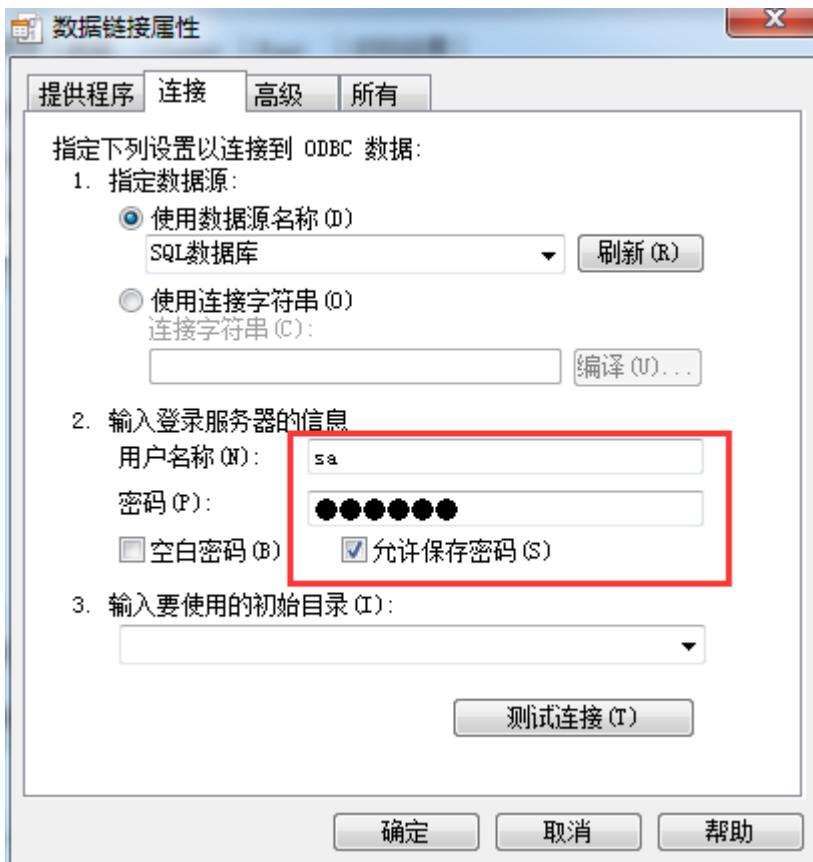
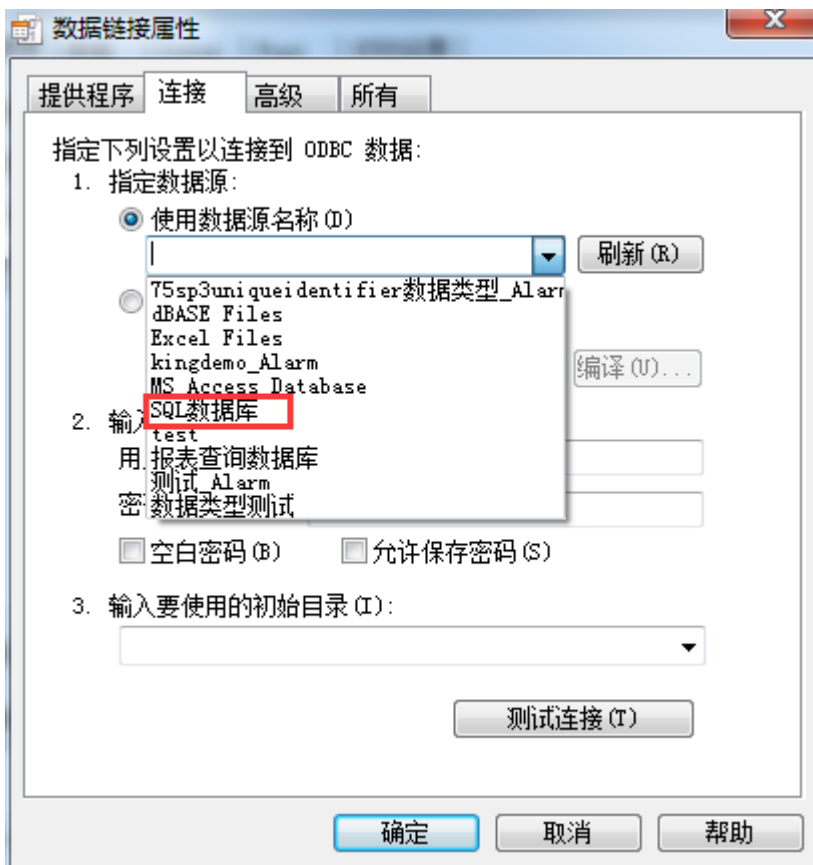
## 7、数据库查询

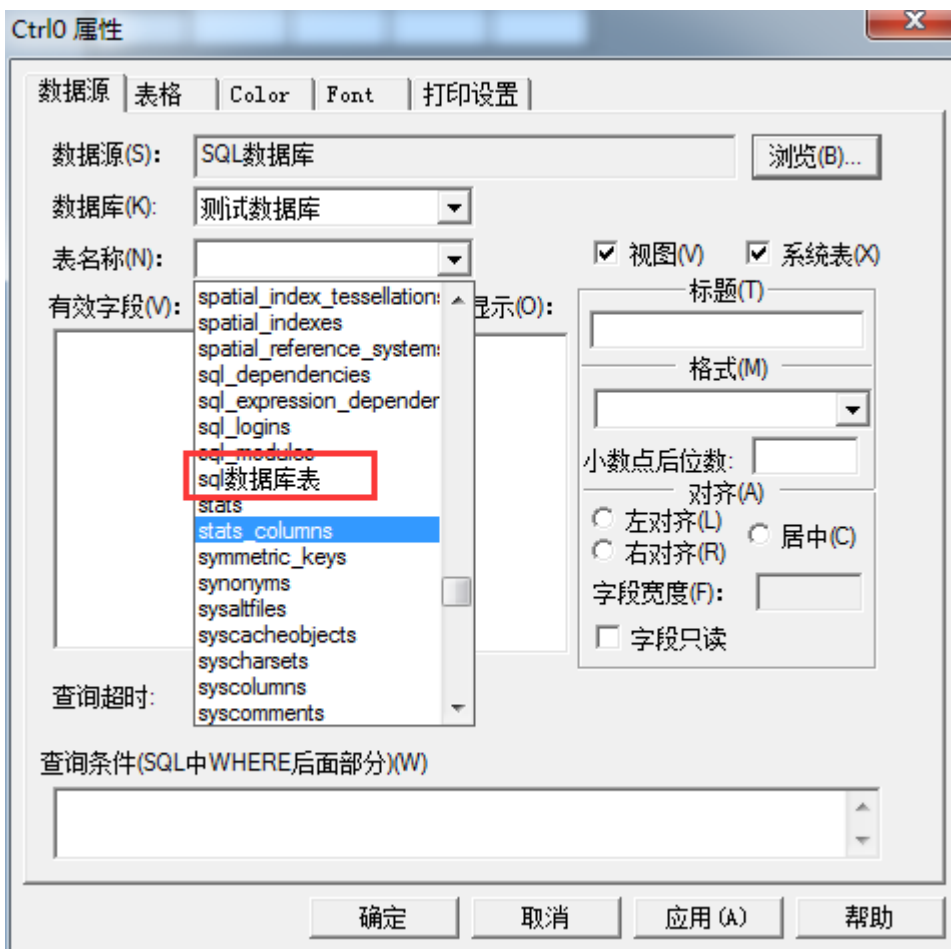
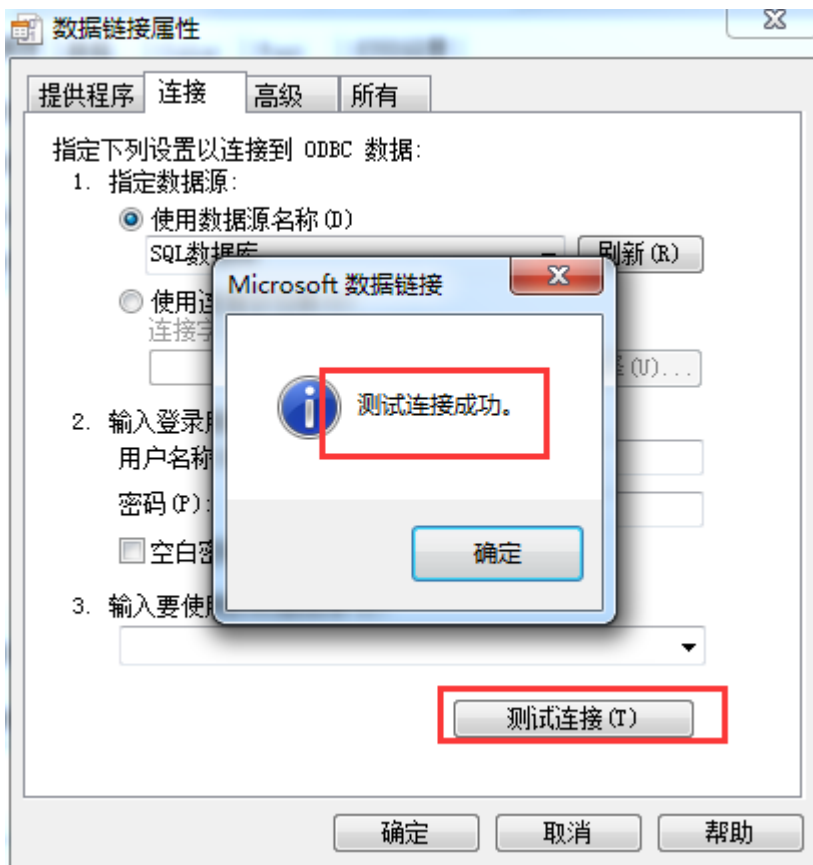
## (1) ado 控件关联数据源

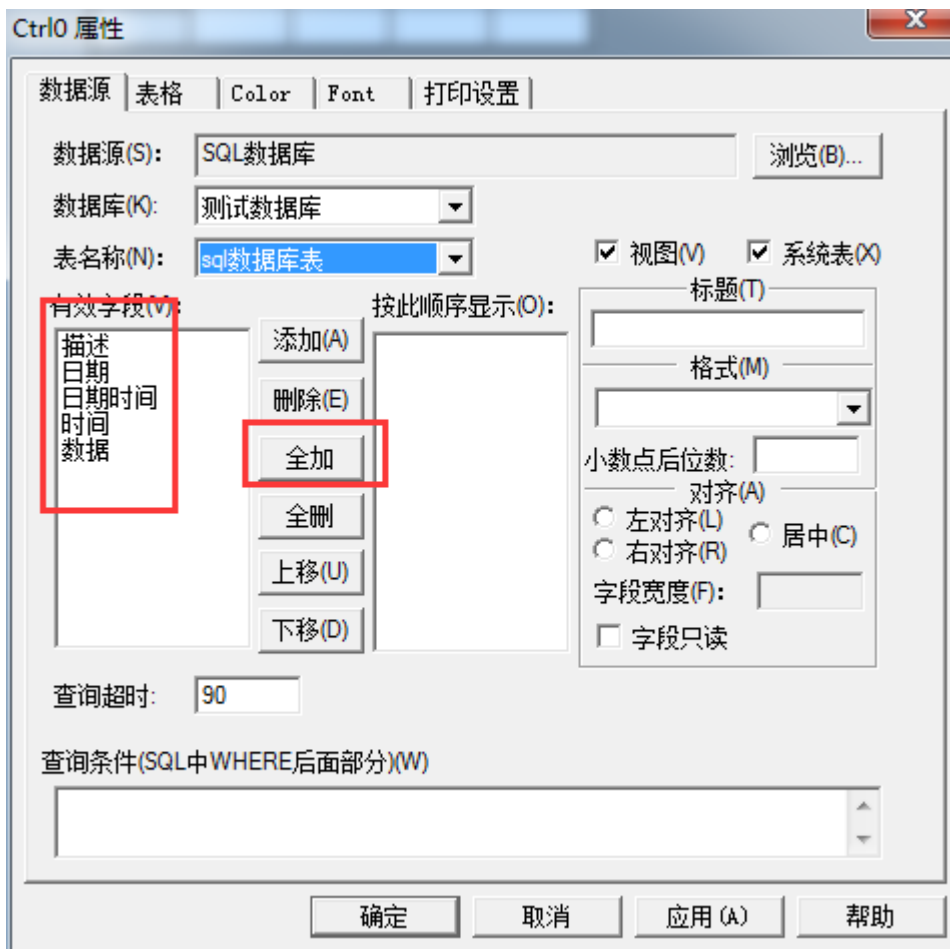


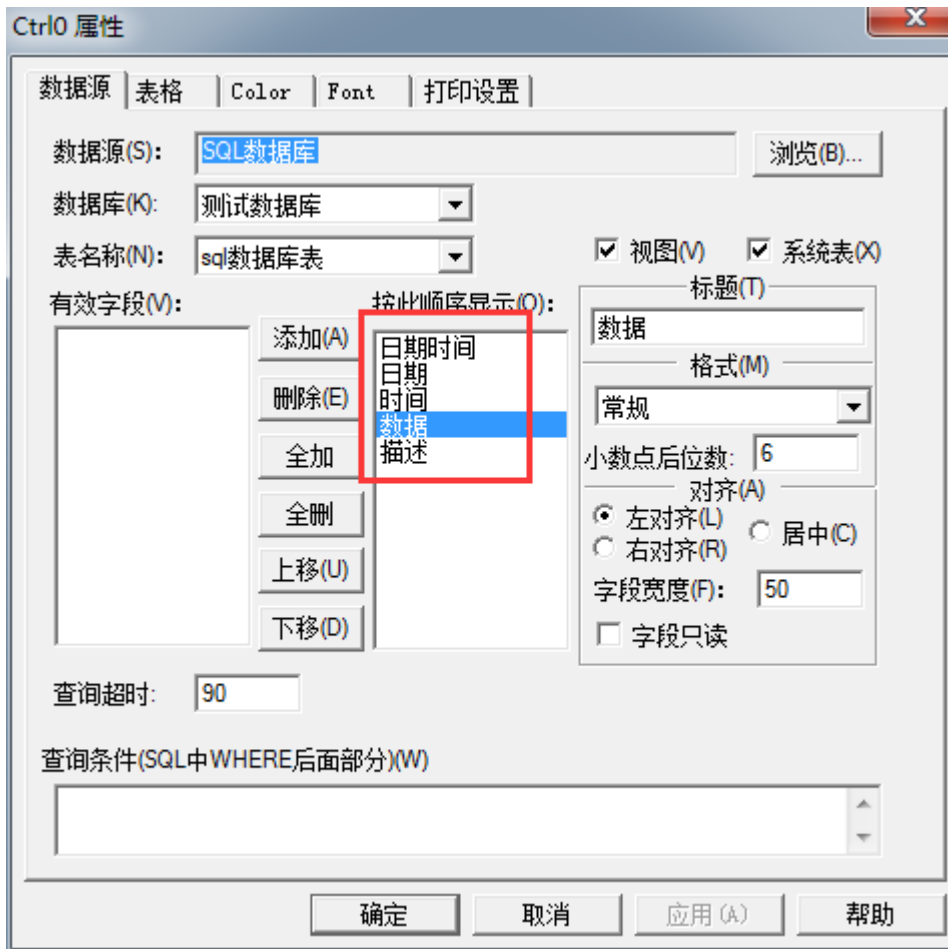




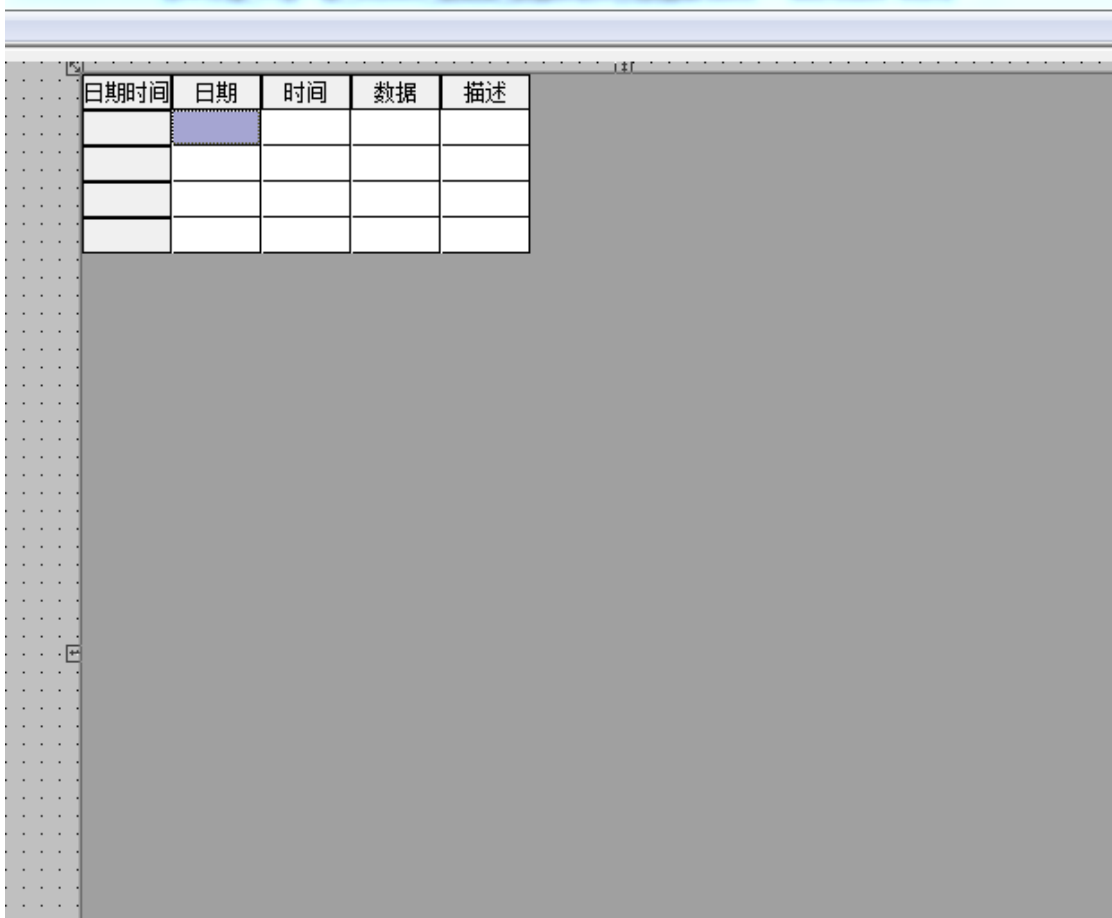




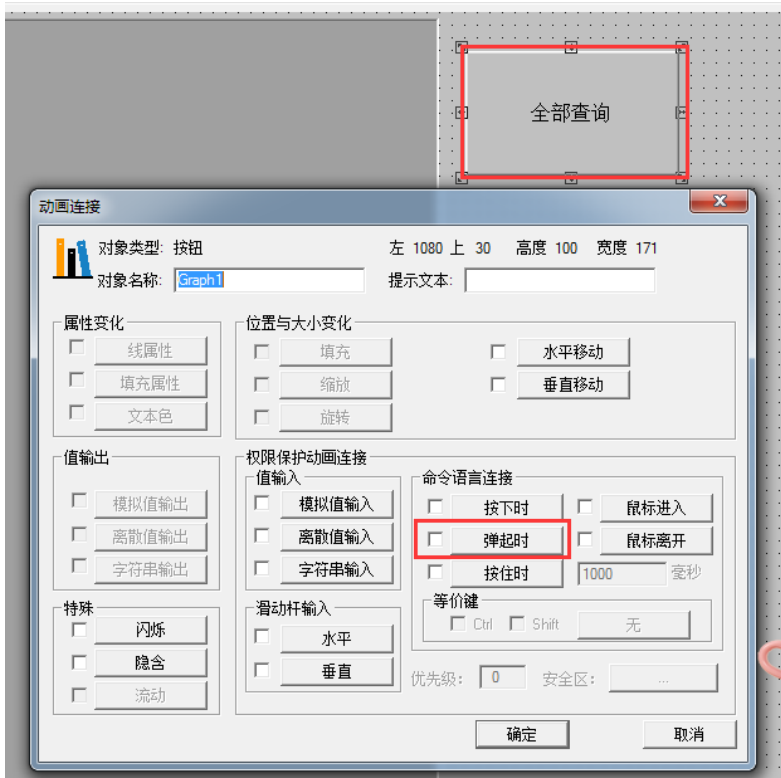


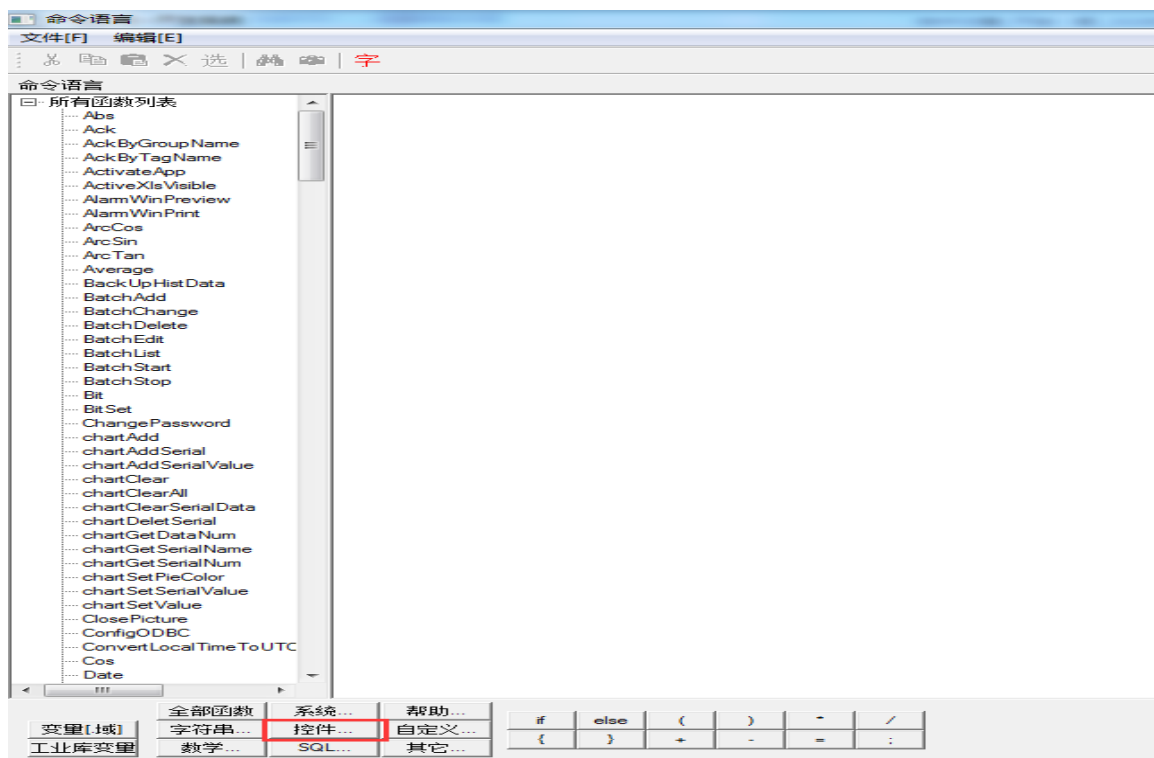




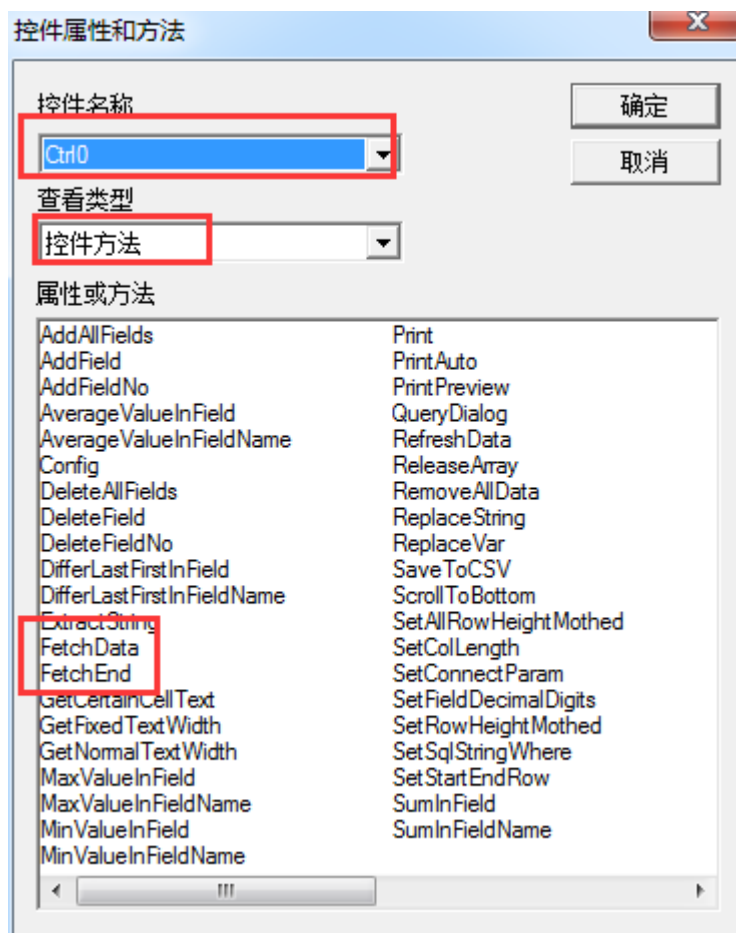


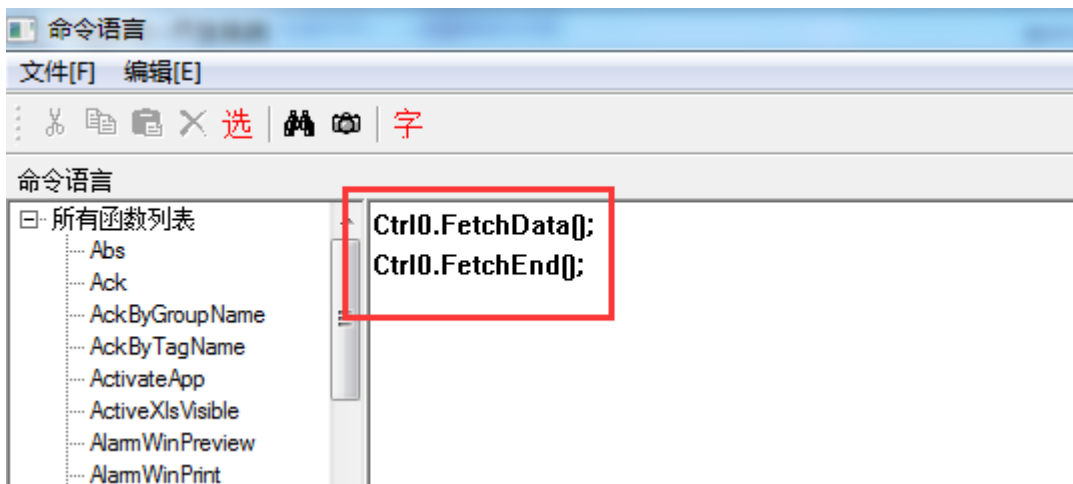
(2) 全部查询





Ctrl0 是 ado 控件的名称，双击 ado 控件就可以看到控件的名称





脚本执行后就会把数据库中所有的数据查询出来

日期时间	日期	时间	数据	描述
2020-01-15 14:25:21	2020-01-15	14:25:21	0.000000	0.000000
2020-01-15 14:25:24	2020-01-15	14:25:24	2.000000	0.000000
2020-01-15 14:25:27	2020-01-15	14:25:27	5.000000	0.000000
2020-01-15 14:25:48	2020-01-15	14:25:48	0.000000	0.000000
2020-01-15 14:25:51	2020-01-15	14:25:51	1.000000	0.000000
2020-01-15 14:25:54	2020-01-15	14:25:54	4.000000	0.000000
2020-01-15 14:25:57	2020-01-15	14:25:57	7.000000	0.000000
2020-01-15 14:26:00	2020-01-15	14:26:00	10.000000	0.000000
2020-01-15 14:26:03	2020-01-15	14:26:03	13.000000	0.000000
2020-01-15 14:26:06	2020-01-15	14:26:06	16.000000	0.000000
2020-01-15 14:26:09	2020-01-15	14:26:09	18.000000	0.000000
2020-01-15 14:26:12	2020-01-15	14:26:12	21.000000	0.000000
2020-01-15 14:26:15	2020-01-15	14:26:15	24.000000	0.000000
2020-01-15 14:26:18	2020-01-15	14:26:18	27.000000	0.000000
2020-01-15 14:26:21	2020-01-15	14:26:21	30.000000	0.000000
2020-01-15 14:26:24	2020-01-15	14:26:24	33.000000	0.000000
2020-01-15 14:26:27	2020-01-15	14:26:27	36.000000	0.000000
2020-01-15 14:26:30	2020-01-15	14:26:30	38.000000	0.000000
2020-01-15 14:26:33	2020-01-15	14:26:33	41.000000	0.000000
2020-01-15 14:26:36	2020-01-15	14:26:36	44.000000	0.000000
2020-01-15 14:26:40	2020-01-15	14:26:40	47.000000	0.000000
2020-01-15 14:26:43	2020-01-15	14:26:43	50.000000	0.000000
2020-01-15 14:26:46	2020-01-15	14:26:46	53.000000	0.000000
2020-01-15 14:26:49	2020-01-15	14:26:49	56.000000	0.000000
2020-01-15 14:26:52	2020-01-15	14:26:52	59.000000	0.000000
2020-01-15 14:26:55	2020-01-15	14:26:55	61.000000	0.000000

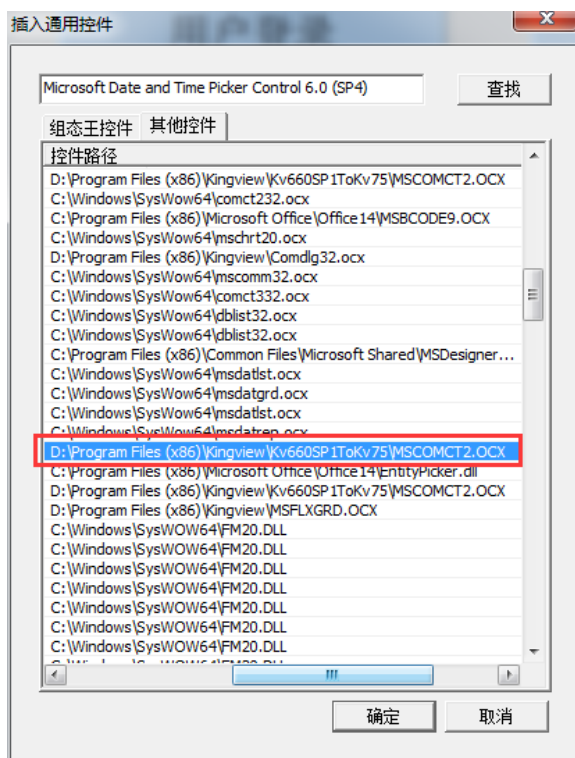
### (3) 日历控件查询数据库

#### 1) 创建日历控件

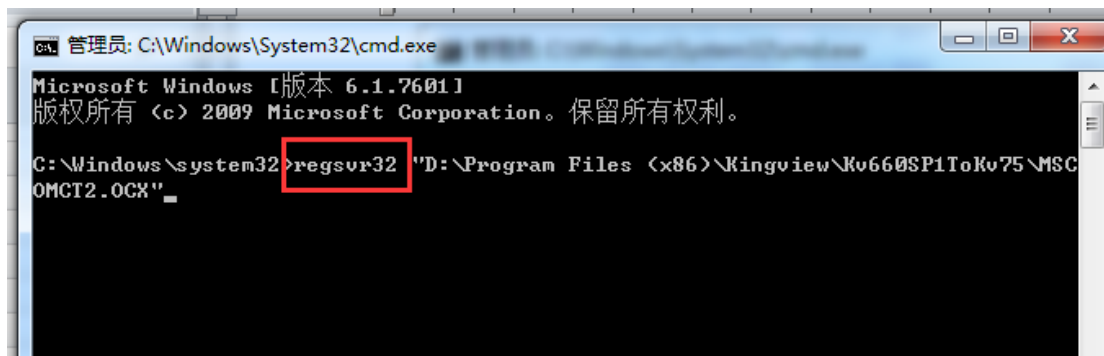
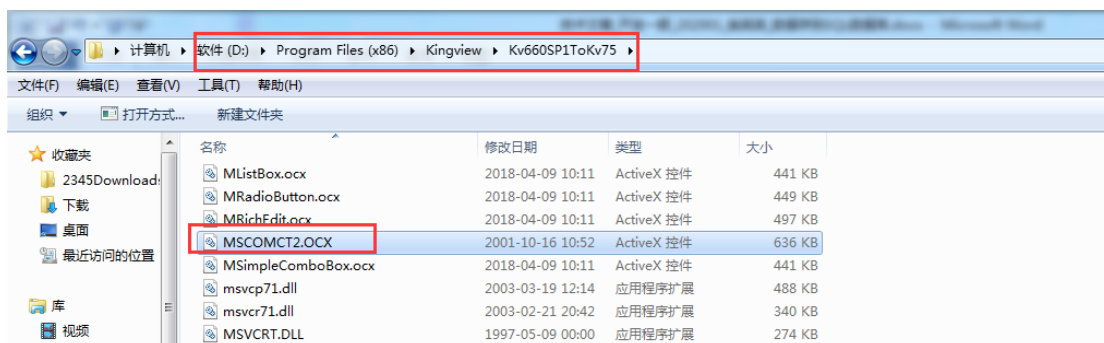
微软日历控件（电脑上要装 office 才行），插入通用控件-其他控件



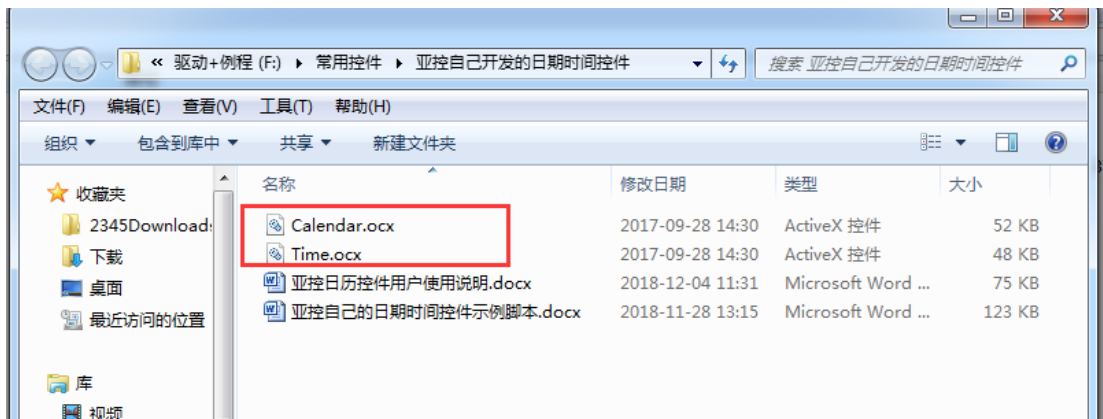
如果微软的日历控件创建不了。可以尝试注册一下，先找到控件所在的路径



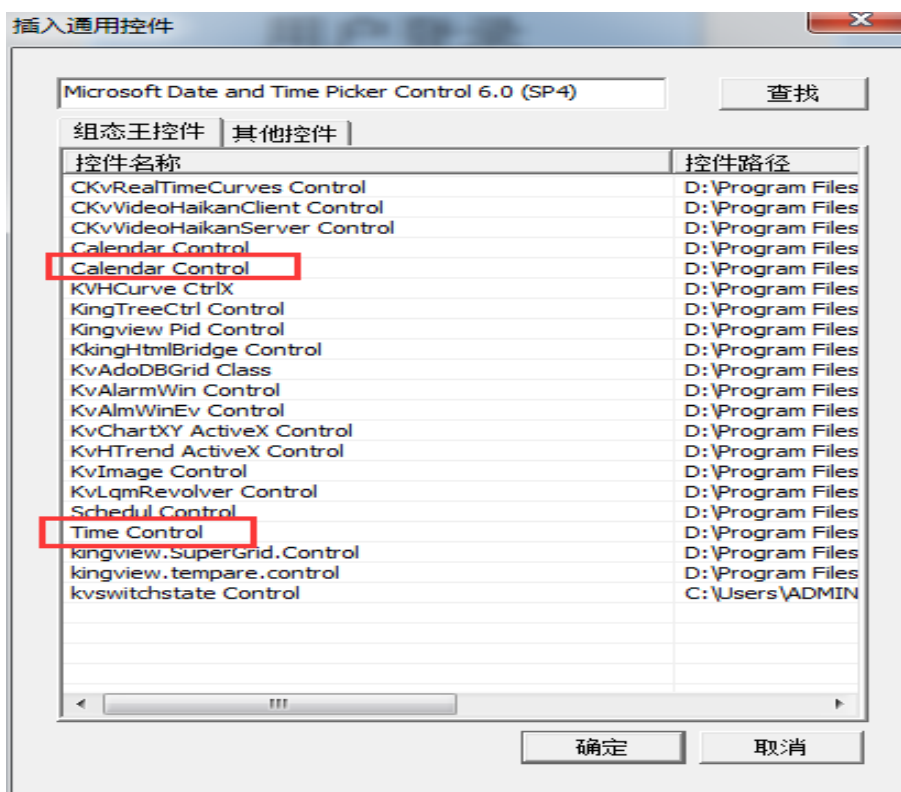
然后以管理员身份运行 cmd，输入指令 `regsvr32` 进行注册，路径前后加双引号（英文状态下）



如果注册之后还是不能用，就使用亚控自己开发的日历控件

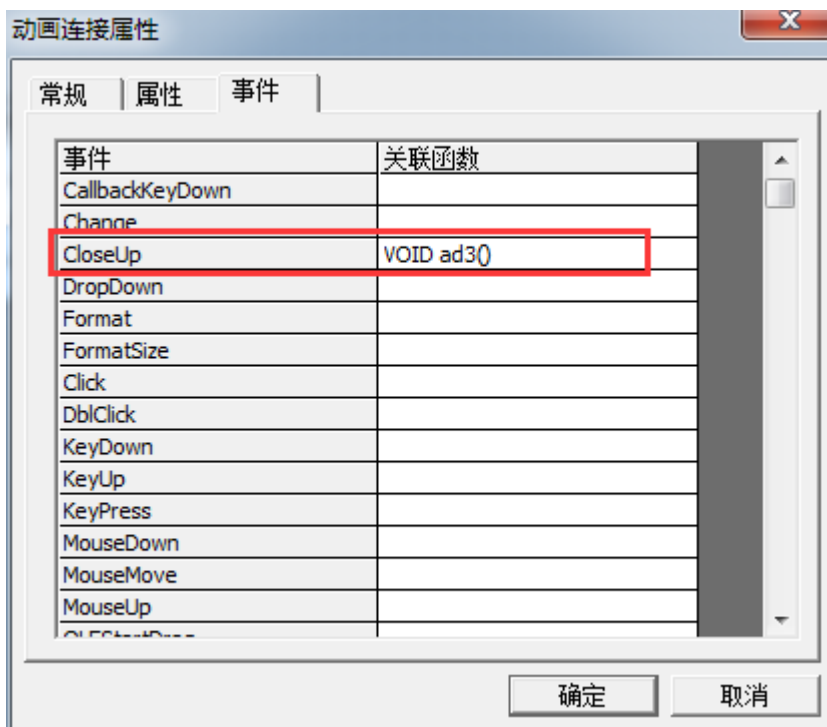


将两个文件复制到组态王的安装路径下，然后手动注册（和上面方法一致），插入通用控件—组态王控件，上面的是日期控件，下面的是时间控件



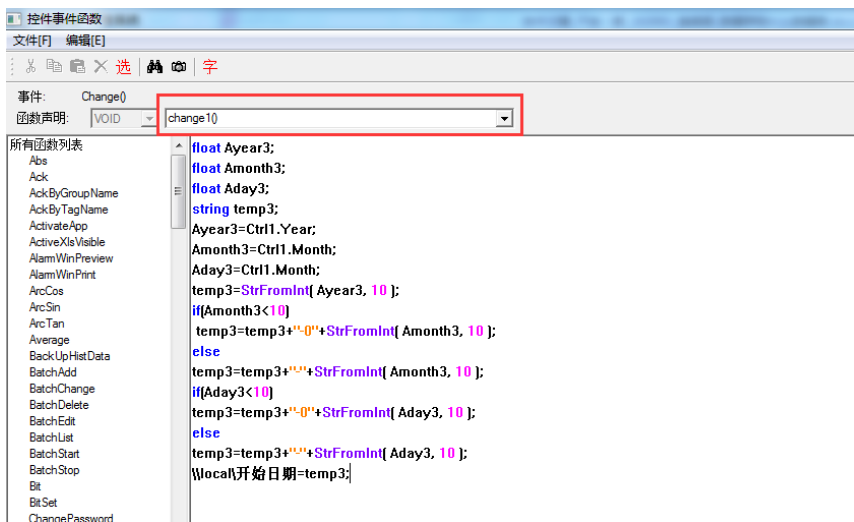
## 2) 日历控件写脚本

双击日历控件-事件-change，双击后面的关联函数，先写开始



函数申明自己填写，比如 A()

开始日期



```

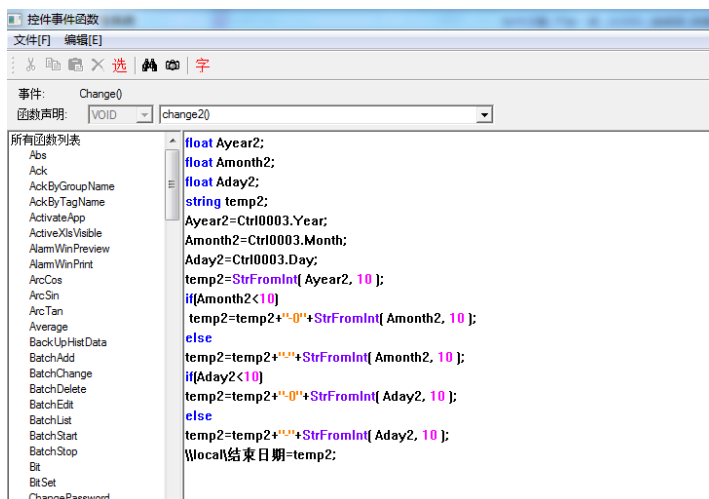
float Ayear3;
float Amonth3;
float Aday3;
string temp3;
Ayear3=Ctrl1.Year;
Amonth3=Ctrl1.Month;
Aday3=Ctrl1.Day;
temp3=StrFromInt( Ayear3, 10 );
if(Amonth3<10)
    
```

```

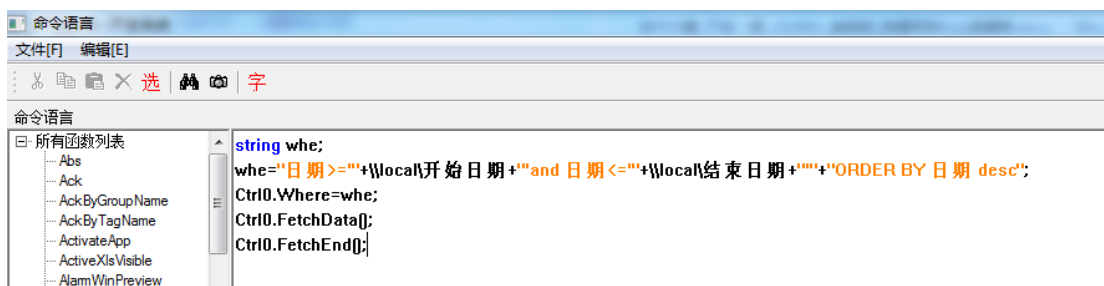
temp3=temp3+"-0"+StrFromInt( Amonth3, 10 );
else
temp3=temp3+"-"+StrFromInt( Amonth3, 10 );
if(Aday3<10)
temp3=temp3+"-0"+StrFromInt( Aday3, 10 );
else
temp3=temp3+"-"+StrFromInt( Aday3, 10 );
\\local\开始日期=temp3;

```

结束日期



查询脚本，按日期查询，按日期降序排列



**注：本示例只是简单的例程说明文档，更深一步的学习使用请参考组态王使用手册，如有问题请致电亚控公司技术 部 4008609696。**