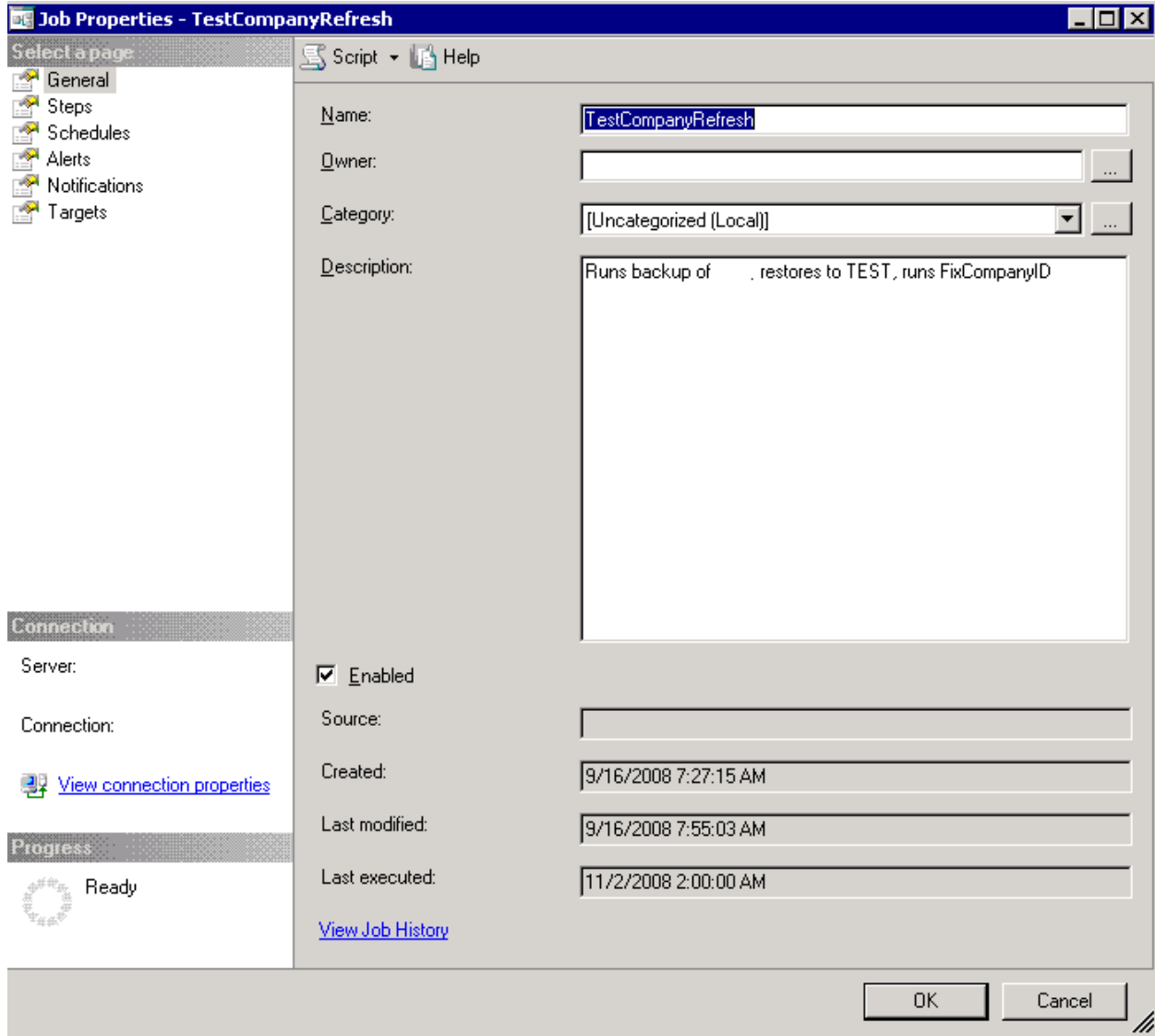


Automatic TEST Refresh

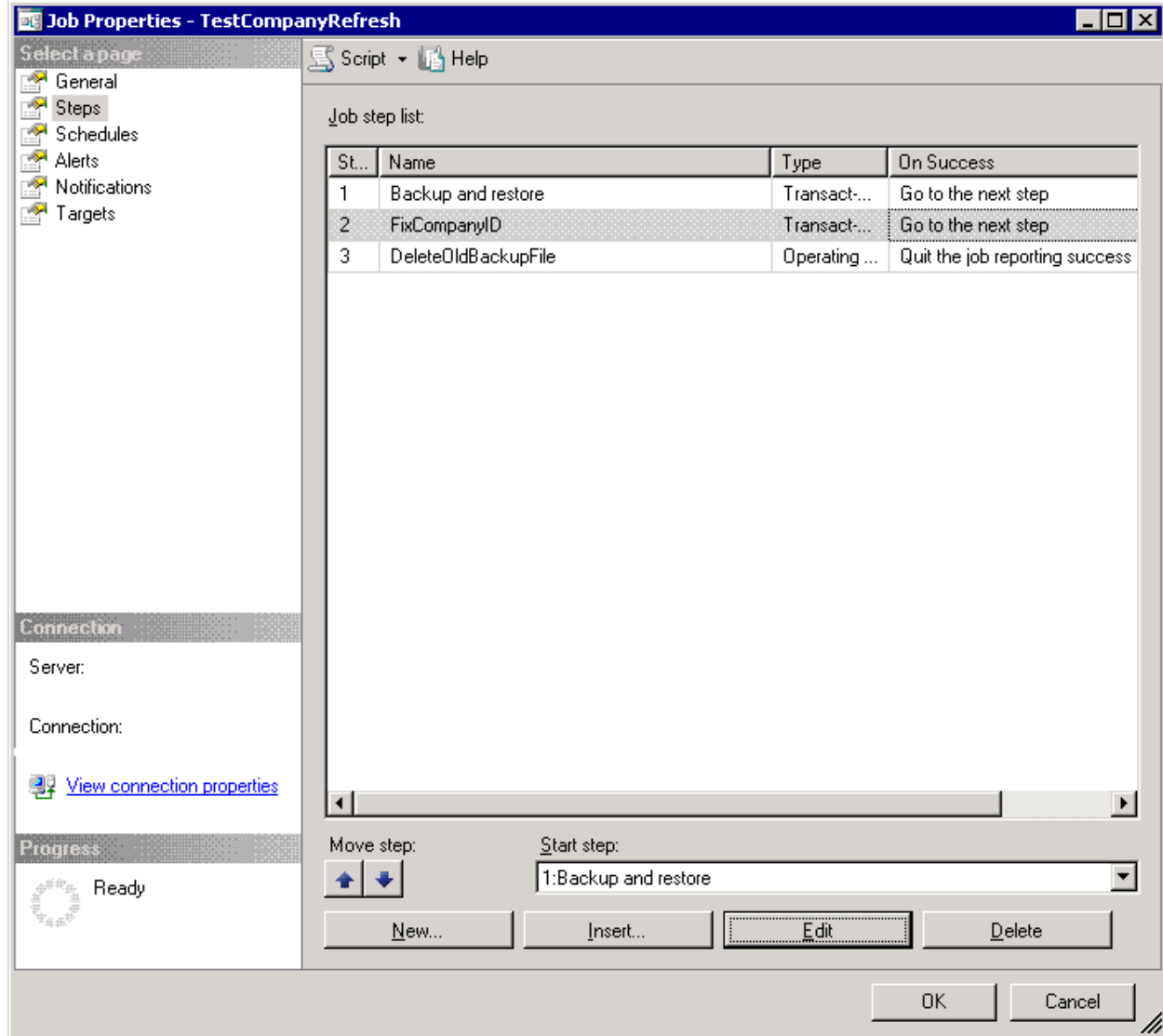
In SQL 2005 SQL Management Studio, expand SQL Server Agent. Right-click on Jobs and select New Job.

Provide a name and description as shown below.



In the Select a Page pane, click on STEPS.

This shows the TestCompanyRefresh job with three steps. The next pages describe each step.



STEP 1

Click NEW.

Step Name: Backup and Restore

Type: Transact-SQL Script (T-SQL)

Run As: empty

Database: select the LIVE company

In the Select A Page pane, click on Advanced

On Success Action: Go to the next step

On Failure Acton: Quit the job reporting failure

In the Select A Page pane, click on General

In the Command section, enter the script below.

Replace ACME with the database name for the LIVE company.

Make sure the path names point to the correct locations and file names.

for the database files of the TEST company.

```
BACKUP DATABASE [AMJ] TO
```

```
DISK = N'd:\ACME.BAK' WITH NOINIT , NOUNLOAD ,
```

```
NAME = N'ACME backup', NOSKIP , STATS = 10, NOFORMAT
```

```
RESTORE DATABASE [TEST] FROM
```

```
DISK = N'd:\ACME.BAK' WITH FILE = 1, NOUNLOAD , STATS = 10,
```

```
RECOVERY , REPLACE ,
```

```
MOVE N'GPSACMEDat.mdf'
```

```
TO N'D:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\Data\GPSTESTDat.mdf',
```

```
MOVE N'GPSACMELog.ldf'
```

```
TO N'D:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\Data\GPSTESTLog.ldf'
```

STEP 2

Step Name: Fix Company ID

Type: Transact-SQL script (T-SQL)

Run As: empty

Database: select the TEST company database

Paste the FixCompanyID script into this window.

In the Select A Page pane, click on Advanced

On Success Action: Go to the next step

On Failure Acton: Quit the job reporting failure

Cut and paste the script below into Step 2. This fixes the company ids.

```

/*****
*****/
/*COMPANYID_INTERID.SQL*/
/* Description:*/
/* Updates any table that contains a company ID or database name value*/
/* with the proper values as they are stored in the DYNAMICS.dbo.SY01500 table */
/* *//*****
*****/
if not exists(select 1 from tempdb.dbo.sysobjects where name = '##updatedTables')
create table [##updatedTables] ([tableName] char(100))
truncate table ##updatedTables
declare @cStatement varchar(255)
declare G_cursor CURSOR for
select
case
when UPPER(a.COLUMN_NAME) in ('COMPANYID','CMPANYID')
then 'update '+a.TABLE_NAME+' set '+a.COLUMN_NAME+' = '+ cast(b.CMPANYID as char(3))
else
'update '+a.TABLE_NAME+' set '+a.COLUMN_NAME+' = '''+ db_name()+''''
end
from INFORMATION_SCHEMA.COLUMNS a, DYNAMICS.dbo.SY01500 b
where

```

```
        UPPER(a.COLUMN_NAME) in ('COMPANYID','COMPANYID','INTERID','DB_NAME','DBNAME')
        and b.INTERID = db_name()
set nocount on
OPEN G_cursor
FETCH NEXT FROM G_cursor INTO @cStatement
WHILE (@@FETCH_STATUS <> -1)
begin
    insert ##updatedTables select
substring(@cStatement,8,patindex('%set%',@cStatement)-9)
    Exec (@cStatement)
    FETCH NEXT FROM G_cursor INTO @cStatement
end
DEALLOCATE G_cursor
select [tableName] as 'Tables that were Updated' from ##updatedTables
```

STEP 3

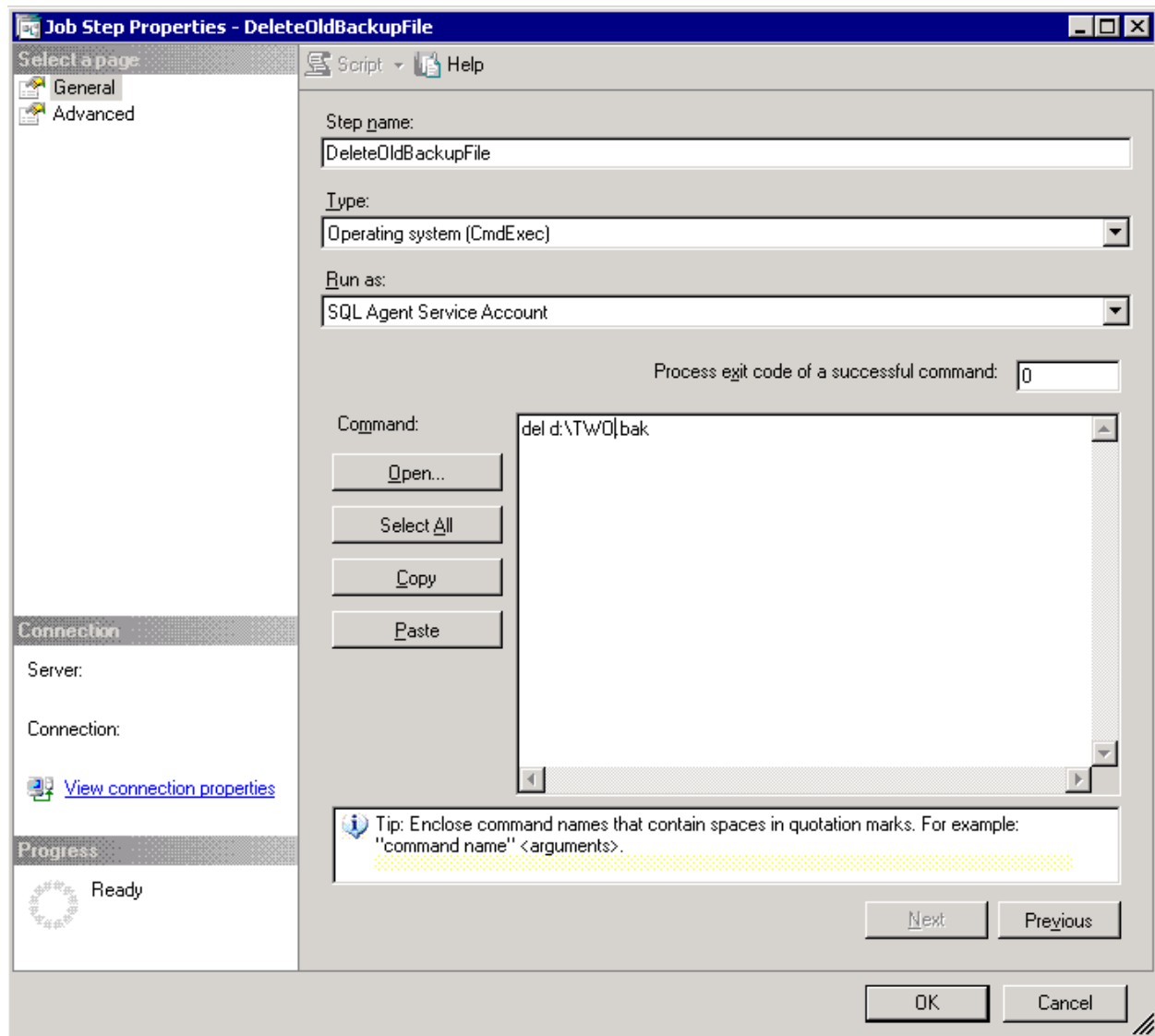
Step Name: Delete Old Backup File

Type: Operating system (CmdExec)

Run As: SQL Agent Service Account

Enter this text in the Command box (change to match your backup path and file name)

Del c:\TWO.bak



SCHEDULE

In the Select A Page pane, click on Schedules.
Click NEW

Create a Schedule that looks something like this:

The screenshot shows a dialog box titled "Job Schedule Properties - TESTCompanyRefresh-Schedule". The dialog is divided into several sections:

- Name:** TESTCompanyRefresh-Schedule (with a "Jobs in Schedule" button to the right).
- Schedule type:** Recurring (dropdown menu) and Enabled.
- One-time occurrence:** Date: 11/ 4/2008, Time: 7:30:36 AM.
- Frequency:** Occurs: Weekly (dropdown menu). Recurs every: 1 week(s) on. Days: Monday, Wednesday, Friday, Saturday, Sunday, Tuesday, Thursday.
- Daily frequency:** Occurs once at: 2:00:00 AM. Occurs every: 1 hour(s). Starting at: 2:00:00 AM. Ending at: 11:59:59 PM.
- Duration:** Start date: 9/16/2008. End date: 11/ 4/2008. No end date.
- Summary:** Description: Occurs every week on Sunday at 2:00:00 AM. Schedule will be used starting on 9/16/2008.

Buttons at the bottom: OK, Cancel, Help.