

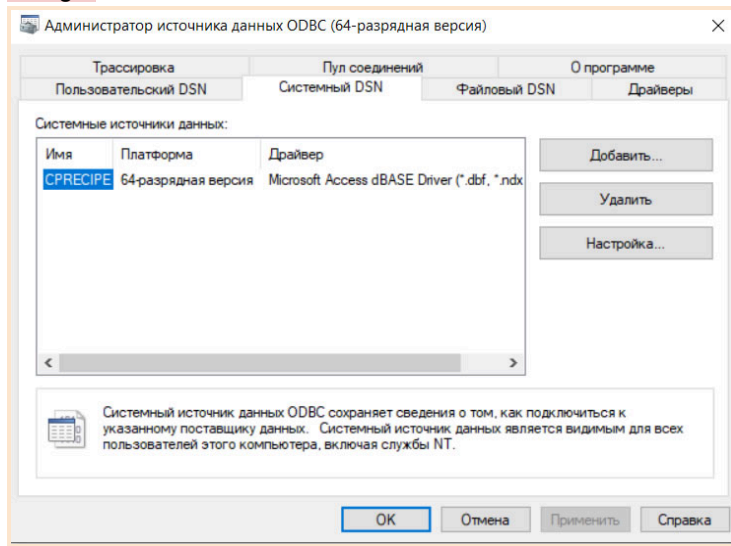
Linked servers in MSSQL2005/2008/2014 are found -> Server Objects -> Linked Servers

For **64 bit** versions you have to install “AccessDatabaseEngine_X64.exe”, this will add needed x64 odbc drivers.

OBS!!!: ODBC 64 is opened from “system32” folder (yes it’s correct)!!!

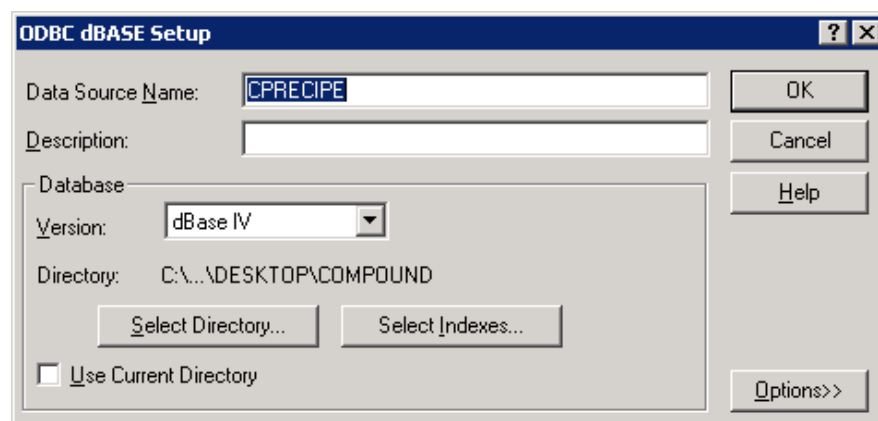
ODBC 32 is opened from “SysWow64” folder (tested on win 2008 R2 64 bit with SQL 2014 Enterprise 64 bit). So, yes you must add a 64-bit source as shown below.

Remember that you cannot have Office 2003 installed for installing the AccessD..E_X64.exe. 2007 is ok though.



Things to remember when Creating an **ODBC Source** for **.dbf** database files.

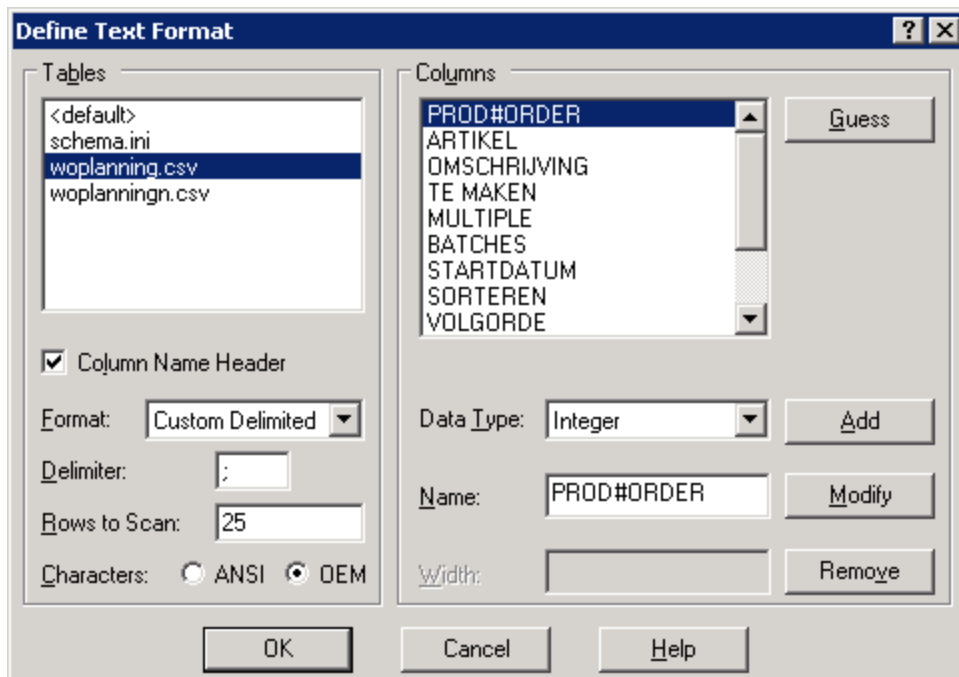
Using: **dBaseIV** or **dBase 5.0** seems to be same..



According to experience files with following extensions are needed: **.dbf ; .dbt ; .mdx**
(Tested: not working without **.dbt**)

Making Linked Server for a .csv file

1. Create ODBC for the given .csv file (driver: **Microsoft Text Driver (*.txt, *.csv)**)
2. The configurations for the driver shall look like:
3. ODBC Name: PRODPLAN
4. Make a SEPARATE folder which contains ONLY woplanning.csv



5. Create the linked server exactly in the same way as for .dbf files (*as described below*)

Sql script for creating a linked-server for an ODBC source:

```
EXEC sp_addlinkedserver
    @server = 'CPRECIPE',
    @srvproduct = '',
    @provider = 'MSDASQL',
    @datasrc = 'CPRECIPE'
GO
```

Explanation of parameters:

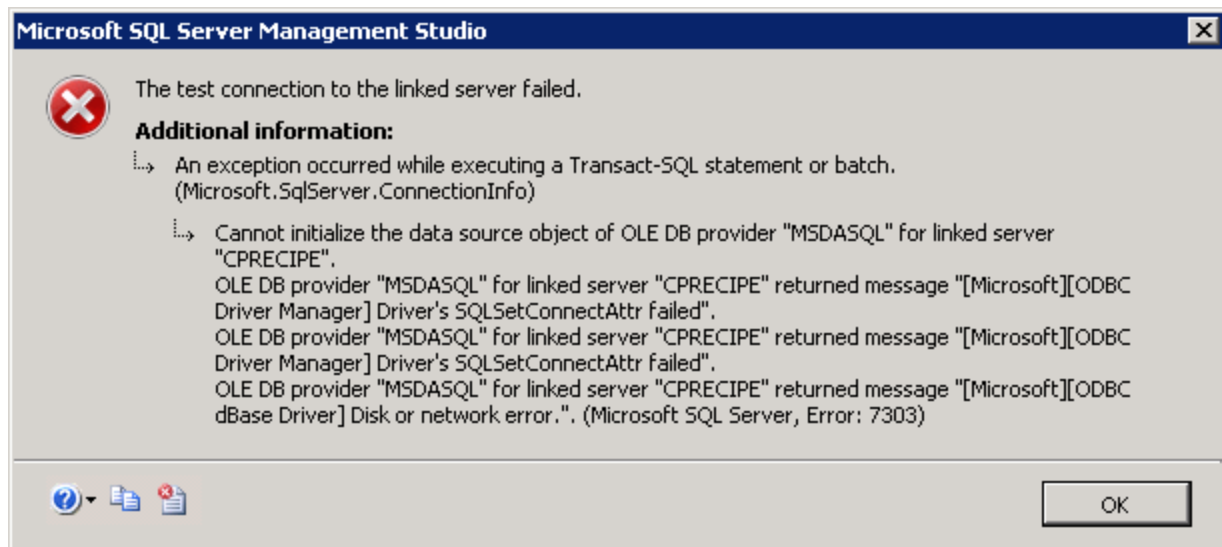
@server = name of linked server

@provider = driver, MSDASQL is for connecting ODBC sources

@datasrc = name of ODBC source

DIFFICULT FAILURE[QEW: 2019-12-03]:

The solution was that the windows authentication which usually worked good did not work any more - i think because of the “user rights” were restricted. So we made a log in with our “sql account” - it worked!



IMPORTANT: Setting up driver settings to get it work

Goto -> Server Objects -> Linked Servers -> Providers -> MSDASQL -> Properties.

Mark following checkboxes (only they shall be checked):

- Nested queries
- Level zero only
- Allow inprocess
- Supports 'Like' Operator

(OBS! If in other language: uncheck first one then check 3 after the first one then check last one)

Making Select from a Linkedserver:

SELECT * FROM CPRECIPE...cprecipe

(Note: “**CPRECIPE**” is name of Linkedserver, **...** are empty parameters, “**cprecipe**” is the name of the table).

Inserting from Linkedserver to another table which already exists:

Insert into [CPM].[dbo].[CPRECIPE]
SELECT * FROM CPRECIPE...cprecipe

Inserting from Linkedserver to another table which not exist:

```
SELECT * INTO Table_Name  
FROM CPRECIPE...cprecipe
```

Making a procedure for replicating from a linked:

```
set ANSI_NULLS ON  
set QUOTED_IDENTIFIER ON  
go  
  
alter procedure [dbo].[Insert_Production_plan_csv_22]  
as  
delete from [Production_Plan_Csv]  
INSERT INTO Production_Plan_Csv  
SELECT Prod#Order, Artikel, Omschrijving, [Te Maken], Multiple,  
Batches, Startdatum, Sorteren, Volgorde, Vraagorder, Klantcode,  
KlantNaam, Opmerkingen  
FROM PRODPLAN...[woplanning.csv] AS [woplanning.csv_1]  
ORDER BY Sorteren DESC  
  
go  
execute [Insert_Production_plan_csv_22]
```

Other useful system commands for Linkedservers:

p_linkedservers

sp_columns_ex [CPRECIPE]

sp_tables_ex [CPRECIPE] -> important []

You may also read: [Linked Server ODBC MSSqlStudio.pdf](#) describing how to make a Linkedserver for an ODBC source.