

ABCs of Bridging the Gap between SAS, Microsoft Access and SQL Server

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Overview

- Read table from Access Database and output SAS Dataset
- Read table from Access Database and output new table
- Read SQL Server and output Access Table

Example 1

Read table from
Microsoft Access Database and
output SAS Dataset

Access Database

Access Database: PROVIDER COUNTY

Table: tbl_prvcnty

Fields needed from the table:

STATE

CNVNEW_PRVCTY

SRCINP

RECCNT

```
libname myref odbc noprompt="DSN=MS Access Database;  
  DBQ=h:provider county;  
  DefaultDir=d:\temp; DriverId=25; FIL=MS access;";  
run;
```

```
proc sql;  
  create table PRV as  
  select state, cnvnew_prvcty, srcinp, reccnt  
  from myref.tbl_prvcty  
  where cnvnew_prvcty='50';  
quit;  
run;
```

```
Libname outref 'h:\ddonnelly\dawn\test';
```

```
Data outref.test_fileout; set PRV;  
run;
```

Example 2

Read Microsoft Access table
and output a new table
in the same
Microsoft Access Database

```
libname myref odbc noprompt="DSN=MS Access Database;  
  DBQ=h:provider county;  
  DefaultDir=d:\temp; DriverId=25; FIL=MS access;";  
run;
```

```
proc sql;  
  create table PRV as  
  select state, cnvnew_prvcty, srcinp, reccnt  
  from myref.tbl_prvcty_pna_0505_dem_new  
  where cnvnew_prvcty='50';  
quit;  
run;
```

```
Data myref.test_fileout; set PRV;  
run;
```

Example 3

Read SQL Server and

output a table into

Microsoft Access Database

Table on SQL Server

Table: v_Professional_Claims

Fields needed from the table:

PLACE_OF_SERVICE,
TYPE_OF_SERVICE_CD,
ORIGINAL_CHG_AMT,
SERVICE_COUNT

```
libname myref "h:\ddonnelly\dawn";
```

```
proc sql;
```

```
reset inobs=max outobs=max loops=max noflow nofeedback noprompt  
nonumber;
```

```
connect to odbc("dsn=chcqes");
```

```
create table myref.CLM as
```

```
select * from connection to odbc
```

```
(select a.place_of_service, a.prov_cnty, a.service_count  
from dbo.v_Professional_Claims AS A  
where a.yr_mth = '200412' );
```

```
libname outfile odbc noprompt="DSN=MS Access Database;
```

```
DBQ=h:provider county;
```

```
DefaultDir=d:\temp;DriverId=25;
```

```
FIL=MS Access;";
```

```
data outfile.test;
```

```
set chcqes.CLM;
```

```
run;
```

QUESTIONS?

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