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PYRITE

zimcom

: SAS xpt to SAS Dataset

Posted 09-18-2019 10:30 AM (9071 views)

I havew one single SAS Xport Transport File and I want to convert the file into SAS file so that I could open it in SAS, can someone let me know how to convert it?

Is it possible that SAS Xport Transport File is the SAS program, not the SAS dataset?

0 Likes

1 ACCEPTED SOLUTION


SOLUTION



SUPER USER

Tom

⋮ Re: SAS xpt to SAS Dataset

 Posted 09-18-2019 10:47 AM (9056 views) | In reply to zimcom

SAS has two main types of "transport" files, each of which has some version specific variation. The XPT format could be used for either type so you will just need to try both methods and hope one works.

The public published format is the transport file. The most common version is the original format from SAS Version 5 which has maximum length of 8 characters for names and maximum length of 200 characters for character variables. You can read those with the XPORT engine. If the libname statement works you can either reference the members (datasets) in the transport file directly by name or just use PROC COPY to copy them out into another library. Like the WORK library of your current SAS session.

```
libname in xport "name of transport file";  
proc copy inlib=in outlib=work;  
run;
```

If you have the newer version 8 transport file then you need to use the macro that SAS provides for that.

The other format is the format produced by PROC CPORT. What I tend to call CPORT files. To generate that format you use PROC CPORT and to read it you use PROC CIMPORT.

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5 REPLIES



AMETHYST

Jagadishkatam

: Re: SAS xpt to SAS Dataset

📅 Posted 09-18-2019 10:38 AM (9064 views) | In reply to zimcom

Please try

Community ▼ Libname xptfile xprogrampath\sample Applications\libname sasfile; path; Solutions ▼ Regional ▼ Sign In
run; copy inlib=xptfile outlib=sasfile;
run;

Thanks,
Jag

0 Likes

↩ Reply



PYRITE

zimcom

⋮ Re: SAS xpt to SAS Dataset

📅 Posted 09-18-2019 10:50 AM (9055 views) | In reply to Jagadishkatam

I got the message of the following:
WARNING: Input library XPTFILE is empty.

0 Likes



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SUPER USER

Tom

⋮ Re: SAS xpt to SAS Dataset

📅 Posted 09-18-2019 11:00 AM (9050 views) | In reply to zimcom

@zimcom wrote:

I got the message of the following:

WARNING: Input library XPTFILE is empty.

Try reading it as a CPORT file instead.

If that doesn't work then check the file itself to see if it is in fact any type of SAS transport file. Just look at the first few bytes of the file.

```
data _null_;  
  infile "name of transport file" recfm=F lrecl=80 obs=1 ;  
  input;  
  list;  
run;
```

Example:

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SAS COMMUNITIES

```
304 filename xport temp;
305 filename cport temp;
306 libname xport xport ;
NOTE: Libref XPORT was successfully assigned as follows:
      Engine:          XPORT
      Physical Name: (system-specific file/path name)
307 data xport.class; set sashelp.class; run;

NOTE: The data set XPORT.CLASS has 19 observations and 5 variables.
NOTE: DATA statement used (Total process time):
      real time          0.00 seconds
      cpu time           0.01 seconds

308 proc cport library=sashelp file=cport;
309   select class;
310   run;

NOTE: PROC CPORT begins to transport data set SASHELP.CLASS
NOTE: The data set contains 5 variables and 19 observations.
      Logical record length is 40.
NOTE: PROCEDURE CPORT used (Total process time):
      real time          0.00 seconds
      cpu time           0.01 seconds

311
312 data _null_;
313   infile xport recfm=F lrecl=80 obs=1;
314   input;
315   list;
```



316

run;
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NOTE: The infile XPORT is:

(system-specific pathname),

(system-specific file attributes)

RULE: ----+----1----+----2----+----3----+----4----+----5----+----6----+----7----+----8----+----9--

1 HEADER RECORD*****LIBRARY HEADER RECORD!!!!!!00000000000000000000000000000000

NOTE: 1 record was read from the infile (system-specific pathname).

NOTE: DATA statement used (Total process time):

real time 0.01 seconds

cpu time 0.00 seconds

317

318 data _null_;

319 infile cport recfm=F lrecl=80 obs=1;

320 input;

321 list;

322 run;

NOTE: The infile CPORT is:

(system-specific pathname),

(system-specific file attributes)

RULE: ----+----1----+----2----+----3----+----4----+----5----+----6----+----7----+----8----+----9--

1 **COMPRESSED** **COMPRESSED** **COMPRESSED** **COMPRESSED** **COMPRESSED*****

NOTE: 1 record was read from the infile (system-specific pathname).

NOTE: DATA statement used (Total process time):

real time 0.00 seconds

cpu time 0.00 seconds

1 Like

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PYRITE

zimcom

⋮ **Re: SAS xpt to SAS Dataset**

📅 Posted 09-18-2019 12:25 PM (9024 views) | In reply to Tom

@Tom @Jagadishkatam

A big THANK YOU to both of you!

0 Likes

↩ Reply



SUPER USER

Tom

⋮ Re: SAS xpt to SAS Dataset

📅 Posted 09-18-2019 10:47 AM (9057 views) | In reply to zimcom

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The other format is the format produced by PROC CPORT. What I tend to call CPORT files. To generate that format you use PROC CPORT and to read it you use PROC CIMPORT.

```
proc cimport library=work infile="name of transport file";  
run;
```

[View solution in original post](#)

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☒ This topic is **solved**.

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