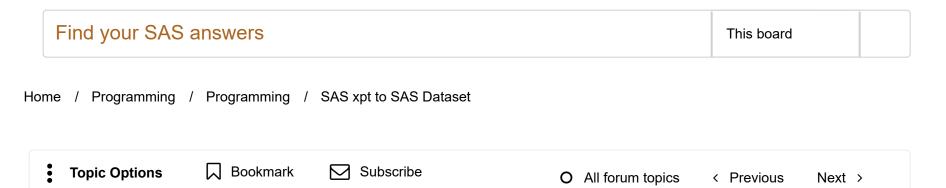


SAS Programming

DATA Step, Macro, Functions and more





SAS xpt to SAS Dataset

EII 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



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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

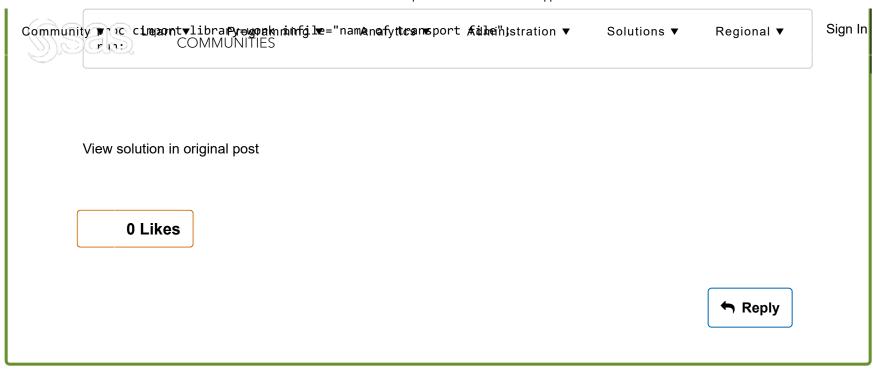
SAS has two main types of "transport" files, each of which has some version specific variation. The XPT format could be used for either type so you will just need to try both methods and hope one works.

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 you 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.



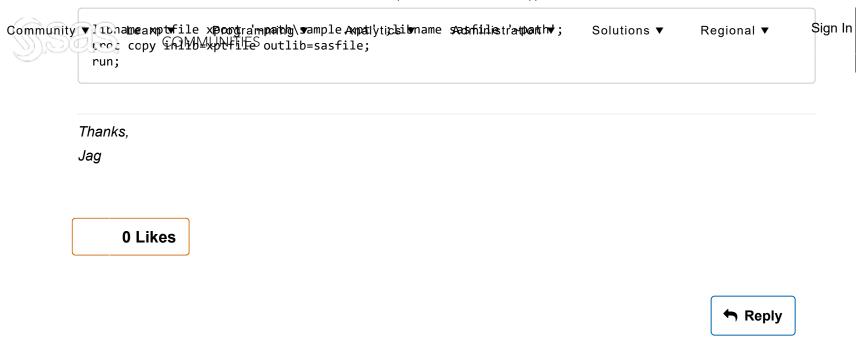
5 REPLIES



Re: SAS xpt to SAS Dataset

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

Please try







PYRITE

: Re: SAS xpt to SAS Dataset

iii 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



SUPER USER

: Re: SAS xpt to SAS Dataset

iii 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:

```
Leptions generigramming ▼ COMMUNITIES
                                                                                                                    Sign In
                                                                                                    Regional ▼
Community ▼3 13
                                                Analytics ▼
                                                                Administration ▼
                                                                                    Solutions ▼
            364
                  filename xport temp;
                  filename cport temp;
            305
            306
                  libname xport xport;
           NOTE: Libref XPORT was successfully assigned as follows:
                  Engine:
                                 XPORT
                  Physical Name: (system-specific file/path name)
                  data xport.class; set sashelp.class; run;
           307
           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
                 data _null_;
           312
           313
                    infile xport recfm=F lrecl=80 obs=1;
           314
                    input;
           315
                    list;
```

```
316
              run;
                        Programming ▼
              Learń ▼
                                                                                     Regional ▼
Community ▼
                                         Analytics ▼
                                                      Administration ▼
                                                                       Solutions ▼
                  COMMUNITIES
          NOTE: The infile XPORT is:
               (system-specific pathname),
               (system-specific file attributes)
                  ----+----1----+----2----+----3----+----9-
          RULE:
          1
                  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--
                  **COMPRESSED** **COMPRESSED** **COMPRESSED** **COMPRESSED** ******
          1
          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

♠ Reply





PYRITE

zimcon

Re: SAS xpt to SAS Dataset

iii 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

lom

Re: SAS xpt to SAS Dataset

iii Posted 09-18-2019 10:47 AM (9057 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.

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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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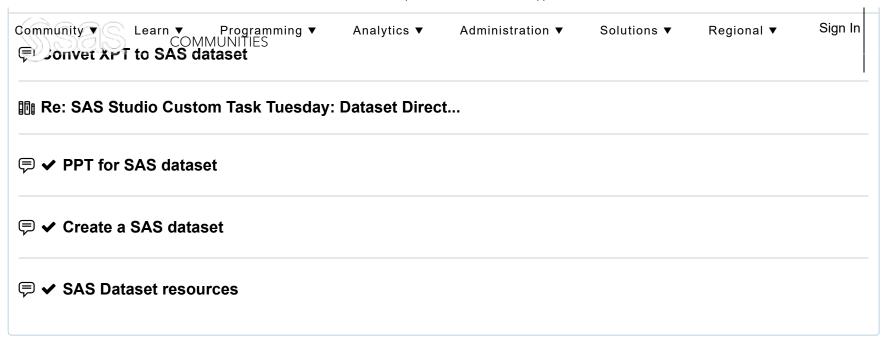
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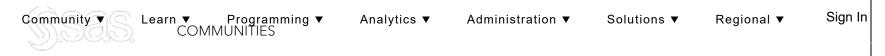
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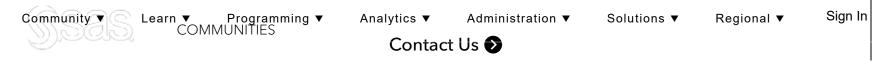
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