



CHAPTER

17

SAS Filename Extensions and File Headers

Using Filename Extensions to Determine Which SAS Engine and Host Were Used to Create a SAS File 125

Using PROC CONTENTS to Determine the SAS Base Engine That Was Used to Create a SAS File 126

Using Filename Extensions to Determine Which SAS Engine and Host Were Used to Create a SAS File

These Version 6 and Version 7 and later hosts use filename extensions to reflect the SAS engine and the SAS member that is created:

- OS/2
- OpenVMS
- OS/390 (Version 7 and later UNIX System Services Directory)
- UNIX
- Windows

Table 17.1 on page 125 lists SAS filename extensions for members by host and version.

Table 17.1 SAS Filename Extension by Host Type and SAS Release

Member	SAS Filename Extensions				
	Version 6			Version 8	
	UNIX	OpenVMS	OS/2 and Windows	UNIX, OpenVMS, OS/2, OS/390 ¹ , and Windows	OS/2 and Windows (Short Names) ²
.SAS	.sas	.SAS	.sas	.sas	.sas
PROGRAM (DATA step)	.sspnn ³	.SASEB\$PROGRAM	.ss2	sas7bpgm	.ss7
DATA	.ssdnn ³	.SASEB\$DATA	.sd2	.sas7bdat	.sd7
INDEX	.snxnn ³	.SASEB\$INDEX	.si2	.sas7bndx	.si7
CATALOG	.sctnn ³	.SASEB\$CATALOG	.sc2	.sas7bcat	.sc7
FDB	.sfdnn	.SASEB\$FDB	.sf2	.sas7sfdb	.sf7

Member	SAS Filename Extensions				
	Version 6			Version 8	
	UNIX	OpenVMS	OS/2 and Windows	UNIX, OpenVMS, OS/2, OS/390 ¹ , and Windows	OS/2 and Windows (Short Names) ²
MDDDB	.ssmnn	.SASEB\$MDDDB	.sm2	.sas7bmdb	.sm7
DMDB	.snmnn	n/a	n/a	.sas7bdmd	.s7m
PROC SQL view	.snvnn	SASEB\$VIEW	.sv2	.sas7bvew	.sv7
Item store	n/a	n/a	n/a	.sas7bitm	n/a

nn is an extension that is used to differentiate among UNIX host architectures. To find out the values for *nn* for UNIX hosts, see Table 14.2 on page 98.

¹ refers to Version 7 and later OS/390 UNIX System Services Directory.

² refers to Version 7 and later OS/2 and Windows short filename extensions. For details about conditions under which short filenames are used, see “Using Version 8 Short Filename Extensions on FAT-style Disk Drives” on page 90.

³ with the 01 extension, also applies to Macintosh data sets.

Version 8 and Version 7 filename extensions are identical.

Using PROC CONTENTS to Determine the SAS Base Engine That Was Used to Create a SAS File

You can use the CONTENTS procedure on all Version 6 and Version 7 and later hosts to find which base SAS engine was used to create a SAS file.

Note: Because neither CMS hosts nor OS/390 hosts use filename extensions, you must use PROC CONTENTS to determine the SAS base engine that was used to create SAS files on these hosts. Δ

Here is an example of using PROC CONTENTS on a data set in the OS/390 environment:

```
proc contents data=test.records;
run;
```

Here is an excerpt of the output:

```

The SAS System
The CONTENTS Procedure
Data Set Name: TEST.RECORDS
Member Type:   DATA
Engine:        V8
```

The output reports that the data set RECORDS is a member of type DATA that was created with the V8 engine.

You can also use PROC CONTENTS to find out whether a data set’s host format is foreign or native to the accessing host. For more information, see “Finding Out if You Can Update a File That Was Created with CEDA” on page 70.

The correct bibliographic citation for this manual is as follows: SAS Institute Inc., *Moving and Accessing SAS Files across Operating Environments, Version 8*, Cary, NC: SAS Institute Inc., 1999. 186 pages.

Moving and Accessing SAS Files across Operating Environments, Version 8

Copyright © 1999 by SAS Institute Inc., Cary, NC, USA.

ISBN 1-58025-480-2

All rights reserved. Printed in the United States of America. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, by any form or by any means, electronic, mechanical, photocopying, or otherwise, without the prior written permission of the publisher, SAS Institute Inc.

U.S. Government Restricted Rights Notice. Use, duplication, or disclosure of the software by the government is subject to restrictions as set forth in FAR 52.227-19 Commercial Computer Software-Restricted Rights (June 1987).

SAS Institute Inc., SAS Campus Drive, Cary, North Carolina 27513.

1st printing, October 1999

SAS[®] and all other SAS Institute Inc. product or service names are registered trademarks or trademarks of SAS Institute Inc. in the USA and other countries. [®] indicates USA registration.

IBM[®], AIX[®], DB2[®], OS/2[®], OS/390[®], and System/390[®] are registered trademarks or trademarks of International Business Machines Corporation. ORACLE[®] is a registered trademark or trademark of Oracle Corporation. [®] indicates USA registration.

Other brand and product names are registered trademarks or trademarks of their respective companies.

The Institute is a private company devoted to the support and further development of its software and related services.