



CHAPTER

16

The DISPLAY Procedure

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Overview

The DISPLAY procedure executes SAS/AF applications. These applications are composed of a variety of entries that are stored in a SAS catalog and that have been built with the BUILD procedure in SAS/AF software. For complete documentation on building SAS/AF applications, see *SAS/FSP Software Procedures Guide, Version 8*.

You can use the DISPLAY procedure to execute an application that runs in NODMS batch mode. Be aware that any SAS programming statements that you submit with the DISPLAY procedure through the SUBMIT block in SCL are not submitted for processing until PROC DISPLAY has executed.

If you use the SAS windowing environment, you can use the AF command to execute an application. SUBMIT blocks execute immediately when you use the AF command. You can use the AFA command to execute multiple applications concurrently.

Procedure Syntax

```
PROC DISPLAY CATALOG=libref.catalog.entry.type <BATCH>;
```

PROC DISPLAY Statement

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```
PROC DISPLAY CATALOG=libref.catalog.entry.type <BATCH>;
```

Required Argument

CATALOG=*libref.catalog.entry.type*

specifies a four-level name for the catalog entry.

libref

specifies the SAS data library where the catalog is stored.

catalog

specifies the name of the catalog.

entry

specifies the name of the entry.

type

specifies the entry's type, which is one of the following. For details, see the description of catalog entry types in the BUILD procedure in online help.

CBT

FRAME

HELP

MENU

PROGRAM

SCL

Options

BATCH

runs PROGRAM and SCL entries in batch mode. If a PROGRAM entry contains a display, then it will not run, and you will receive the following error message:

```
ERROR: Cannot allocate window.
```

Restriction: PROC DISPLAY cannot pass arguments to a PROGRAM, a FRAME, or an SCL entry.

Example

Example 1: Executing a SAS/AF Application

Procedure features:

PROC DISPLAY statement:

CATALOG = argument

Suppose that your company has developed a SAS/AF application that compiles statistics from an invoice database. Further, suppose that this application is stored in

the SASUSER data library, as a FRAME entry in a catalog named INVOICES.WIDGETS. You can execute this application using the following SAS code:

Program

```
proc display catalog=sasuser.invoices.widgets.frame;  
run;
```


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