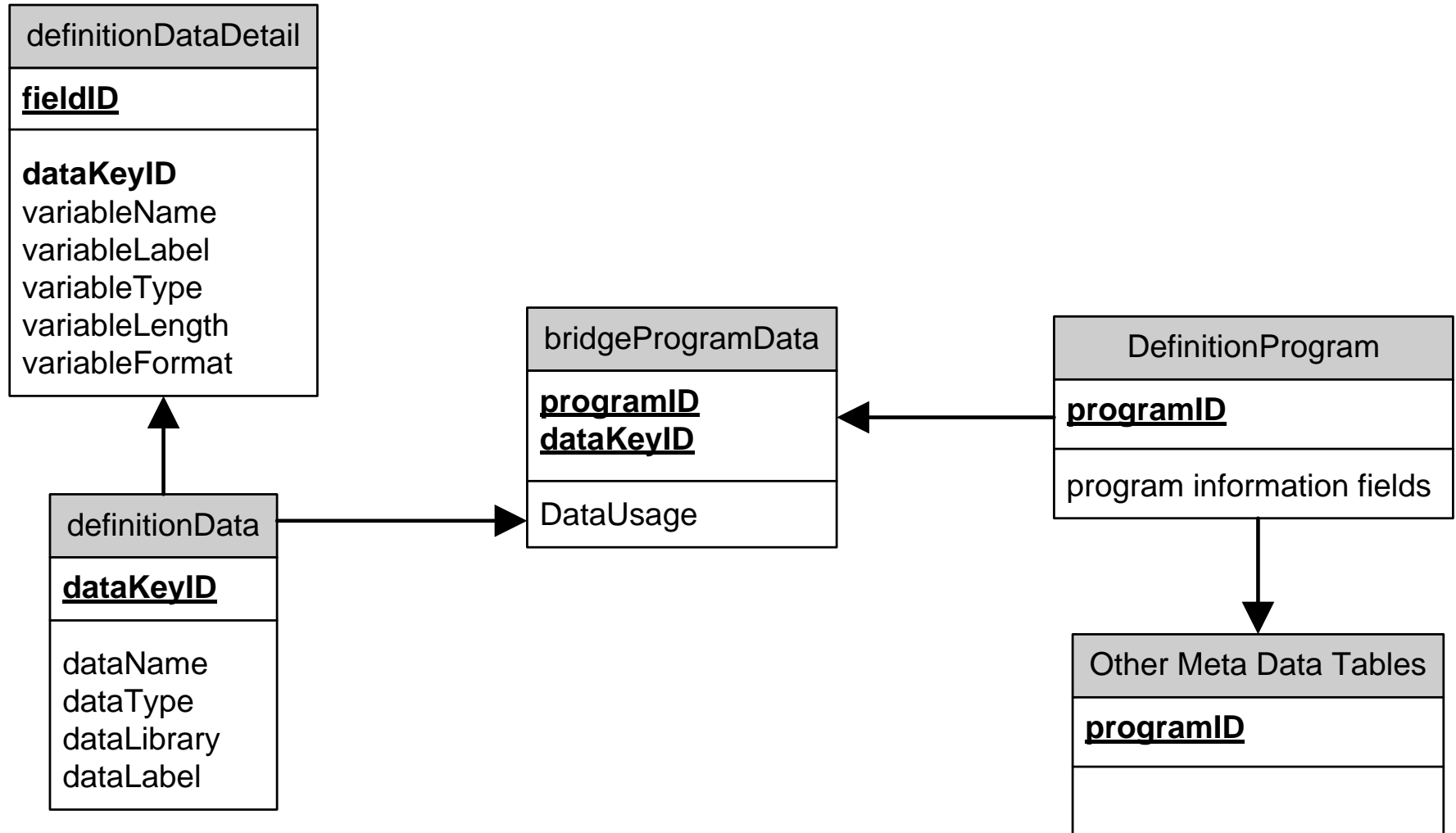


Using SAS Dictionary Tables to Build Metadata



Using SAS Dictionary Tables to Build Metadata



SASHELP.VTABLE

Variable	Description
libname	Library reference
memname	Dataset member name
memlabel	Dataset label
memtype	Dataset type (data, view, etc.)

Using SAS Dictionary Tables to Build Metadata



SASHELP.VCOLUMN

Variable	Description
libname	Library reference
memname	Dataset member name
name	Variable name
label	Variable label
type	Variable type (num or char)
length	Variable length
informat	Variable informat
format	Variable format

Using SAS Dictionary Tables to Build Metadata



- Select data from the Dictionary view SASHELP.VTABLE to use in populating the metadata table definitionData

```
proc sql;
create table tableinfo as
  select libname
         , memname
         , memlabel
         , memtype
  from sashelp.vtable
  where libname = 'SASUSER';
quit;

proc print data=tableinfo;
  title 'Display of table information selected from
        SASHELP.VTABLE';
run;
```

Using SAS Dictionary Tables to Build Metadata



Display of table information selected from SASHELP.VTABLE

libname	memname	memlabel	memtype
SASUSER	SOFTSALE	Softsale Employee Sales Data	DATA
SASUSER	SOFTSALE		AUDIT

Using SAS Dictionary Tables to Build Metadata



- Select data from the Dictionary view SASHELP.VCOLUMN to use in populating the metadata table definition DataDetail

```
proc sql;
create table columninfo as
  select libname
         , memname
         , name
         , label
         , type
         , length
         , informat
         , format
  from sashelp.vcolumn
  where libname = 'SASUSER';
quit;

proc print data=columninfo;
  title 'Display of column information selected from
        SASHELP.VCOLUMN';
run;
```

Using SAS Dictionary Tables to Build Metadata



Display of column information selected from SASHELP.VCOLUMN

libname	memname	name	label	type	length	informat	format
SASUSER	SOFTSALE	Name	Employee Name	char	10	\$10.	\$10.
SASUSER	SOFTSALE	Division	Employee Division	char	1		\$1.
SASUSER	SOFTSALE	Years	Years of Service	num	8		F2.
SASUSER	SOFTSALE	Sales	Weekly Sales	num	8	F7.2	DOLLAR9.2
SASUSER	SOFTSALE	Expense	Weekly Expenses	num	8	F7.2	DOLLAR9.2
SASUSER	SOFTSALE	State	Sales Territory	char	2		\$2.
SASUSER	SOFTSALE	Name	Employee Name	char	10	\$10.	\$10.
SASUSER	SOFTSALE	Division	Employee Division	char	1		\$1.
SASUSER	SOFTSALE	Years	Years of Service	num	8		F2.
SASUSER	SOFTSALE	Sales	Weekly Sales	num	8	F7.2	DOLLAR9.2
SASUSER	SOFTSALE	Expense	Weekly Expenses	num	8	F7.2	DOLLAR9.2
SASUSER	SOFTSALE	State	Sales Territory	char	2		\$2.
SASUSER	SOFTSALE	reasonCode		char	10		
SASUSER	SOFTSALE	_ATDATETIME_		num	8		DATETIME19.
SASUSER	SOFTSALE	_ATOBSNO_		num	8		
SASUSER	SOFTSALE	_ATRETURNCODE_		num	8		
SASUSER	SOFTSALE	_ATUSERID_		char	32		
SASUSER	SOFTSALE	_ATOPCODE_		char	2		
SASUSER	SOFTSALE	_ATMESSAGE_		char	8		