Overview

The Data Set List Model class provides access to information about a SAS data set, including its name, description, and associated SAS library.

Ancestors:
- sashelp.fsp.Object.class
- sashelp.fsp.Selmdl.class
- sashelp.classes.Sasfilelist_c.class

Class:
- sashelp.classes.Datasetlist_c.class

Using the Data Set List Model

You can use the Data Set List Model class in conjunction with a viewer control for model/view communication. When you drop a model on a control in a frame, or you set the control’s model attribute to the name of the instantiated model object, the items attribute of the view is automatically set to the items attribute of the model when you specify the library attribute on the model.

For example, add a list box control and a data set list model to a frame, then set listbox1.model to datasetlist1. To display a list of data sets (or tables) in the listbox, specify a value for datasetlist1.library.

You can also use the model to retrieve a list of data sets from a specified SAS library to use in an SCL program. Once you specify a valid SAS library for the object’s library attribute, simply query the items attribute to get the list of data sets. To further qualify the selection, specify other attribute values for the object before you query items.

For example, the following code instantiates a data set list model and returns a list of all SAS data sets in the library sasuser:

```plaintext
init:
  dcl sashelp.classes.datasetlist_c.class tabobj;
```
dcl list tables;
dcl num rc;
tables=makelist();
tablobj = _new_ sashelp.classes.datasetlist_c();
tablobj.library = 'sasuser';
tablobj.levelCount = 1;
tables=tablobj.items;
call putlist(tables);
tablobj._term();
rc=dellist(tables);
return;

Since levelCount is set to 1, only the data set name is returned in the items list. If levelCount is set to 2, the two-level name (such as sasuser.mytable) is returned.

Attributes

Public attributes specified for the Data Set List Model class are described here. See sashelp.classes.Sasfilelist_c.class for inherited attributes.

Dictionary

description

Returns the short description for the object

Type: Character

Valid Values:

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typeFilter

Returns or sets the type of filter used to build the items list

Type: Character

Valid Values: Data, View, All
Methods

Methods specified for the Data Set List Model class are described here. See sashelp.classes.Sasfilelist_c.class for inherited methods.

_init

Initializes an object

Syntax

objectName_init( );
objectName_init( numArg );