Overview

The Library List Model class provides information about a SAS library, including its name, its external pathname, the associated engine, and the associated server.

Ancestors:

sashelp.fsp.Object.class
  sashelp.fsp.Selmdl.class

Class:

sashelp.classes.Librarylist_c.class

Using the Library List Model

You can use the Library 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 combo box control and a library list model to a frame, then set combobox1.model to librarylist1. The list of libraries from librarylist1.items displays in the combo box.

You can also use the library list model in an SCL program to retrieve a list of libraries from the current SAS session. Simply query the items attribute to get the list of libraries. To further qualify the selection, specify other attribute values for the object before you query items.

For example, the following code instantiates a library list model and returns a list of all libraries and their host file paths (by setting the pathDisplayed attribute):

init:
  dcl sashelp.classes.librarylist_c.class libobj;


dcl list libraries;
dcl num rc;
libraries=makelist();
libobj = _new_ sashelp.classes.librarylist_c();
libobj.pathDisplayed = 'Yes';
libraries=libobj.items;
call putlist(libraries);
libobj._term();
rc=dellist(libraries);
return;

Attributes

Public attributes specified for the Library List Model class are described here. See sashelp.fsp.Selmdl.class for inherited attributes.

Dictionary

description

Returns the short description for the object

Type:  Character

Valid Values:

engineDisplayed

Returns or sets whether the engine is returned for each item on the list

Type:  Character

Valid Values:  Yes, No

filter

Returns or sets the library to filter when building the items list
Library List Model

Methods

Methods specified for the Library List Model class are described here. See sashelp.fsp.Selmdl.class for inherited methods.
_binit

Initializes an object at design time

Syntax

```
objectName_binit();
```

_bterm

Terminates an object at design time

Syntax

```
objectName_bterm();
```

_init

Initializes an object

Syntax

```
objectName_init();
```

```
objectName_init( numArg );
```

_term

Deletes an object
Syntax

objectName_term( );

Events

Events specified for the Library List Model class are described here. See sashelp.fsp.Selmdl.class for inherited events.

- engineDisplayed changed
  Occurs when the engineDisplayed attribute is changed
- filter changed
  Occurs when the filter attribute is changed
- libraryDisplayed changed
  Occurs when the libraryDisplayed attribute is changed
- pathDisplayed changed
  Occurs when the pathDisplayed attribute is changed
- serverDisplayed changed
  Occurs when the serverDisplayed attribute is changed