Overview

The Catalog Entry List Model class provides access to information about the entries in a SAS catalog. This information can include entry names, their type and description, and the date they were last modified.

Ancestors:

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

Class:

sashelp.classes.Catalogentrylist_c.class

Using the Catalog Entry List Model

You can use the Catalog Entry 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.

For example, add a list box control and a catalog entry list model to a frame, then set listbox1.model to catalogentrylist1. To display a list of catalog entries in the listbox, specify a value for catalogentrylist1.catalog.

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

For example, the following code instantiates a catalog entry list model and returns a list of all CLASS entries in the catalog sasuser.myclasses:
init:
   dcl sashelp.classes.catalogentrylist_c.class catobj;
   dcl list classList;
   dcl num rc;
   classList=makelist();
   catobj = _new_ sashelp.classes.catalogentrylist_c();
   catobj.catalog = ‘sasuser.myclasses’;
   catobj.typeFilter = ‘class’;
   classList=catobj.items;
   call putlist(classList);
   catobj._term();
   rc=dellist(classList);
   return;

Attributes

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

Dictionary

catalog

Returns or sets the name of the catalog used to fill the items list

Type:   Character
Valid Values:
Editor:   sashelp.fsp.catdlg.scd

catalogEntryDisplayed

Returns or sets whether the catalog entry name is returned in the items list

Type:   Character
Valid Values:   Yes, No
description

Returns the short description for the object

Type: Character
Valid Values:

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descriptionDisplayed

Returns or sets whether the catalog entry description for each item is returned on the items list

Type: Character
Valid Values: Yes, No

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levelCount

Returns or sets the number of levels to use for the catalog entry names returned in the list

Type: Numeric
Valid Values:

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modifiedDateDisplayed

Returns or sets whether the catalog entry modified date is returned in the items list

Type: Character
Valid Values: Yes, No
typeFilter

Returns or sets the type of catalog entries returned in the items list

Type: Character
Valid Values: All, Class, CBT, Dataform, Form, Frame, Grseg, Help, Image, Intrface, Keys, List, Pmenu, Program, Resource, Scr, Slist, Toolbox

Methods

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

_bterm

Terminates an object at design time

Syntax

objectName_bterm( );

_init

Initializes an object

Syntax

objectName_init( numArg );
objectName_init( );
### _term_

**Deletes an object**

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### Syntax

```objectName_term();```

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### Events

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

- **catalog changed**
  - Occurs when the catalog attribute is changed
- **catalogEntryDisplayed changed**
  - Occurs when the catalogEntryDisplayed attribute is changed
- **descriptionDisplayed changed**
  - Occurs when the descriptionDisplayed attribute is changed
- **levelCount changed**
  - Occurs when the levelCount attribute is changed
- **modifiedDateDisplayed changed**
  - Occurs when the modifiedDateDisplayed attribute is changed
- **typeFilter changed**
  - Occurs when the typeFilter attribute is changed