

PopAsl

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COLLABORATORS

	<i>TITLE :</i> PopAsl		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

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Chapter 1

PopAsl

1.1 Welcome

```
popasl PLUGIN
```

```
Version: 1.2
```

```
Date   : 10-Feb-1998
```

PopAsl plugin can be used to pop up some kinds of standard system asl requesters. Using this asl popup plugin, you don't need to worry about handling asl requesters. The plugins will automatically open one when the popup button is pressed and update the corresponding string gadget when the user terminates the requester. From the programmers point of view, all you have to do is to handle the string gadgets contents.

```
Constructors/ Destructor  
New Methods  
Special Tags  
Exceptions  
History  
ToDo  
Author
```

1.2 Constuctors/ Destructor

```
Constructor
```

```
popasl(tags:PTR TO tagitem)
```

For creating a new plugin object use for example:

```
DEF pa:PTR TO popasl_plugin  
NEW pa.popasl([..., TAG_DONE])
```

Destructor

END *must* be called for each NEWed object.

1.3 New Methods

set(tag, value)

By calling this method it's possible to change attributes at runtime. You can use all tags with the S flag set. This method can also be used before the GUI is created and when the window is closed. Value is a LONG and contains the argument for the used tag.

Example:

```
DEF pa:PTR TO popasl_plugin
...
NEW pa.popasl([PLA_PopAsl_Type, PLV_PopAsl_Type_Drawer, TAG_DONE])
...
pa.set(PLA_PopAsl_Disabled, TRUE)
...
```

value,check:=get(tag)

This method is the counterpart to set. All tags with G flag can be used. Argument is the tag you want to get. Return values are the requested value and as second a boolean value. So if check is FALSE the used tag can't be get.

```
...
value,check:=pa.get(PLA_PopAsl_Disabled)
...
```

After this:

```
value=TRUE
check=TRUE
```

But if you try:

```
...
value,check:=pa.get(PLA_PopAsl_Type)
...
```

Then you get this:

```
value=-1
check=FALSE
```

1.4 Tags

The letters [ISG] show you when the tags can be used.

I = Initialisation

S = Set Method

G = Get Method

PLA_PopAsl_Disabled [ISG]

Disable or enable a gadget. Setting this tag causes the gadget to become disabled, it gets a ghost pattern and doesn't respond to user input any longer.

PLA_PopAsl_Type [I..]

This tag allows to set the type of asl requester. Pass one of the following values as tag value:

PLV_PopAsl_Type_Drawer

PLV_PopAsl_Type_File

PLV_PopAsl_Type_Font

If you pass a wrong value to this tag an exception will be raised.

PopAsl plugin offers a standard handling for all types.

When a file requester is opened, the plugin splits the string gadgets contents into a path and a file name and uses these as initial paremeters for the requester.

Font popups translate a font into a name/size pair, e.g."topaz/8".

If you don't set the size the default is 8.

Default is set to PLV_PopAsl_Type_Drawer.

PLA_PopAsl_Contents [ISG]

Get and set a string gadgets contents. You may not modify the returned string. If you want to use the string make a local copy. PLA_PopAsl_Contents gets updated every time when the contents of the string gadget change.

Default is ''.

PLA_PopAsl_GadgetID [I..]

The gadget ID which will be passed to the created gadgets.

You have to pass only one ID. The second one is calculated by adding 1 to the passed ID.

By default the ID's a generated by the plugin itself. This ID's should be unique in nearly all cases. But to avoid problems you should set this tag.

PLA_PopAsl_ButtonText [I..]

String to be displayed in the button.

Default are the following strings:

```
Drawer: 'Path...'  
File   : 'File...'  
Font   : 'Font...'
```

PLA_PopAsl_ButtonOnRight [I..]

Set this to TRUE if you want to change the button position from left to right.
Default is FALSE.

PLA_PopAsl_NoFontExtension [I..]

If you set this to TRUE the '.font' extension from the name will be removed after selecting from requester.

```
topaz.font/8 -> topaz/8
```

PLA_PopAsl_Title [IS.]

Set a user defined requester title.

PLA_PopAsl_UserData [ISG]

Handles the UserData field of this object.

1.5 Exeptions

Constructor

"UTIL" will be raised if the utility.library v37+ can't be opened.
"TYPE" will be raised if you pass a wrong value to PLA_PopAsl_Type.

message_action()

"ASL" will be raised if the asl.library v38+ can't be opened.
"AREQ" will be raised if the plugin fails to allocate the asl request structure.

1.6 History

10-Feb-1998 [V1.2]

- two new tags added (thanks to Ali Graham)
PLA_PopAsl_Title
PLA_PopAsl_UserData

15-Dec-1997 [V1.1]
- two new tags added (thanks to Ali Graham for suggestion)
 PLA_PopAsl_ButtonOnRight
 PLA_PopAsl_NoFontExtension

15-Nov-1997 [V1.0.1]
- object name changed to popasl_plugin

10-Nov-1997 [V1.0]
- initial release

1.7 ToDo

- support for screenmode requester
- image buttons

1.8 Author

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