

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: 1.0.1

Date : 15-Nov-1997

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

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

```

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 are 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...'
```

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

15-Nov-97 [V1.0.1]
- object name changed to popasl_plugin

10-Nov-97 [V1.0]
- initial release

1.7 ToDo

- support for screenmode requester
- image buttons

1.8 Author

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