

popmisc

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Contents

1	popmisc	1
1.1	popmisc_plugin: Introduction	1
1.2	popmisc_plugin: Constructors / Destructor	1
1.3	popmisc_plugin: New Methods	2
1.4	popmisc_plugin: Tags	3
1.5	popmisc_plugin: Exceptions	4
1.6	popmisc_plugin: History	4

Chapter 1

popmisc

1.1 popmisc_plugin: Introduction

popmisc_plugin

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popmisc_plugin is a PLUGIN which brings up a window with a listview containing a list of tasks, ports, libraries, devices, resources or memory nodes; the user is then able to select one, and that choice is recorded in the attached string gadget.

(Don't forget to set the 'isgt' field of the PLUGIN definition to TRUE for this one.)

(This PLUGIN requires the presence of the module 'easyplugins/dclistview', as it uses an instance of that PLUGIN to create the listview.)

Constructor

Methods

Tags

Exceptions

History

1.2 popmisc_plugin: Constructors / Destructor

Constructor

```
popmisc(tags=NIL:PTR TO tagitem)
```

For creating a new plugin object use for example:

```
DEF popmisc:PTR TO popmisc_plugin  
NEW popmisc.popmisc([..., TAG_DONE])
```

1.3 popmisc_plugin: 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 popmisc:PTR TO popmisc_plugin  
...  
NEW popmisc.popmisc([..., TAG_DONE])  
...  
popmisc.set(PLA_PopMisc_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:=popmisc.get(PLA_PopMisc_Disabled)  
...
```

```
After this:  
value=TRUE  
check=TRUE
```

But if you try:

```
...  
value,check:=popmisc.get(PLA_PopMisc_ListViewX)  
...
```

```
Then you get this:  
value=-1  
check=FALSE
```

1.4 popmisc_plugin: Tags

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

I = Initialisation

S = Set Method

G = Get Method

PLA_PopMisc_ButtonText [ISG]

The initial contents of the button the user presses to bring up the listview; defaults to an appropriate string for the PLUGIN's PLA_PopMisc_ListType.

PLA_PopMisc_StringText [ISG]

The initial contents of the string gadget which will be modified by the actions of the user.

PLA_PopMisc_CaseSensitive [ISG]

Boolean; the list is sorted alphabetically, and if this tag is TRUE then it will be sorted according to case as well.

PLA_PopMisc_RemoveDuplicates [ISG]

Boolean; whether or not entities with the same name should appear more than once in the list.

PLA_PopMisc_ListType [I..]

Which type of system entity popmisc_plugin should display in its list.

Can be one of six values:

- PLV_PopMisc_DevicesList
- PLV_PopMisc_LibrariesList
- PLV_PopMisc_MemNodesList
- PLV_PopMisc_PortsList
- PLV_PopMisc_ResourcesList
- PLV_PopMisc_TasksList (default)

PLA_PopMisc_ListViewX [I..]

& PLA_PopMisc_ListViewY [I..]

These two values will be passed through as DCLV_RELX and DCLV_RELX to the instance of dclistview_plugin used to create the listview. (See dclistview.doc for more information.)

PLA_PopMisc_Disabled [ISG]

Disable or enable the PLUGIN. Setting this tag causes the PLUGIN to become disabled; it gets a ghost pattern.

1.5 popmisc_plugin: Exceptions

Constructor

"util" will be raised if the utility.library has not been opened.

"baty" will be raised if the usr has set an illegal PLA_PopMisc_ListType value.

1.6 popmisc_plugin: History

v1.0 (18.2.98)

- o Initial release (as poptask_plugin).

v1.1 (25.2.98)

- o Changed name, because of the addition of other system entities to the PLUGIN.
-