

**dclistview**

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# Chapter 1

## dclistview

### 1.1 dclistview\_plugin: Introduction

dclistview\_plugin

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This plugin creates a GadTools Listview gadget, almost identical to the standard EasyGUI one, except that it will also report double-clicks on list items. (Be sure to set the 'isgt' field of the PLUGIN gadget to 'TRUE', since this uses a GadTools gadget)

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Usage

History

### 1.2 dclistview\_plugin: Usage

Constructors:

```
dclistview(label=NIL,relx=0,rely=0,execlist=NIL,
           current=0,key=NIL,disabled=FALSE)
```

where:

```
label      -> the label for the gadget
relx,rely  -> the usual relative gadget width/height (both default to 5)
execlist   -> the list to be displayed in the gadget
current    -> the list item to be placed at the top of the listview.
             This item will also be displayed beneath the listview
```

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under v37 or with a highlight bar under v39. This value will always be updated when the user selects a list item.

\*\* NOTE: If you don't want ANY list item highlighted initially, set current=-1.

\*\* ALSO NOTE: Item highlighting is always set for this plugin gadget. This makes the most sense when using double-click sensing. Of course, this can always be changed... :)

key -> keyboard shortcut ("a".."z","A".."Z"). Include a "\_" in the label string to indicate this visually.

disabled -> whether this gadget is disabled (v39+)

#### Destructor:

END \*must\* be called for each NEWed object.

#### Data (should be considered read-only):

```
OBJECT dclistview_plugin OF plugin
  disabled -> disabled or enabled
  current -> the currently selected item
  clicked -> TRUE if an item has just been double-clicked
PRIVATE ...
ENDOBJECT
```

#### New methods:

```
setdclist(list) -> change the list attached to the gadget;
getdclist() -> returns the list attached to the gadget;
setdctop(top) -> change which item is at the top;
setdccurrent(current) -> change which item is selected. Can also be
set to -1 to have no item selected. This function returns the actual 'current' value,
useful if you specify a 'current' that's out
range.
setdisabled(disabled=TRUE) -> disable/enable the gadget.
```

#### Action functions:

Your action function will be called (or your action value returned by `easyguiA()`) in the following circumstances:

- when an item is selected with the mouse, and again on a double click
  - NOTE: if you use an action value instead of an action function, you obviously won't hear about double clicks since your GUI will have closed :)
- when the assigned key is pressed, alone or shifted.

#### Exceptions:

"dclv" will be raised by `gtrender()` if the gadget can't be created.

#### Other notes:

1) The CONST DCLIST (which =PLUGIN) is available to be used in your EasyGUI

gadget list, e.g., [DCLIST, {listaction}, dclist, TRUE]. This can make ↔  
plugins  
in gadget lists easier to identify, especially if you use a lot of different  
Plugins.

2) The value of the 'current' field will NOT change if the user does not  
manipulate the listview in any way. If you set 'current' to -1 at any point,  
be prepared to properly handle -1 as a returned value when you read the  
'current' field.

3) Disabling of listviews under v39+ is minimal at best. While the main  
list gadget is disabled, the prop gadget will still scroll the list.

4) I replaced a v39+ function that inadvertently crept into the code  
(twice!). I should read the autodocs more closely. :)

See the example source code, dclistview\_demo.e, for an example  
of this plugin in use.

### 1.3 dclistview\_plugin: History

v1.2 (2.10.97)

- o Incorporated into the EasyPLUGINS package.