# dclistview

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| | *TITLE* : dclistview | | |
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**REVISION HISTORY**

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|---|---|---|---|
| | | | |

# Contents

# 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)


------------------------------------------------------------



                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
```

```
                              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
                              initally, 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.