



Linux Ubuntu 26.04 Manual Pages on command 'viewres.1'

\$ man viewres.1

VIEWRES(1) General Commands Manual VIEWRES(1)

NAME

viewres - graphical class browser for Xt

SYNOPSIS

viewres [-option ...]

DESCRIPTION

The viewres program displays a tree showing the widget class hierarchy of the Athena Widget Set. Each node in the tree can be expanded to show the resources that the corresponding class adds (i.e. does not inherit from its parent) when a widget is created. This application allows the user to visually examine the structure and inherited resources for the Athena Widget Set.

OPTIONS

Viewres accepts all of the standard toolkit command line options as well as the following:

-top name

This option specifies the name of the highest widget in the hierarchy to display.

This is typically used to limit the display to a subset of the tree. The default is Object.

-variable

This option indicates that the widget variable names (as declared in header files) should be displayed in the nodes rather than the widget class name. This is sometimes useful to distinguish widget classes that share the same name (such as Text).

-vertical

This option indicates that the tree should be displayed top to bottom rather left to

right.

VIEW MENU

The way in which the tree is displayed may be changed through the entries in the View menu:

Show Variable Names

This entry causes the node labels to be set to the variable names used to declare the corresponding widget class. This operation may also be performed with the `SetLabelType(variable)` translation.

Show Class Names

This entry causes the node labels to be set to the class names used when specifying resources. This operation may also be performed with the `SetLabelType(class)` translation.

Layout Horizontal

This entry causes the tree to be laid out from left to right. This operation may also be performed with the `SetOrientation(West)` translation.

Layout Vertical

This entry causes the tree to be laid out from top to bottom. This operation may also be performed with the `SetOrientation(North)` translation.

Show Resource Boxes

This entry expands the selected nodes (see next section) to show the new widget and constraint resources. This operation may also be performed with the `Resources(on)` translation.

Hide Resource Boxes

This entry removes the resource displays from the selected nodes (usually to conserve space). This operation may also be performed with the `Resources(off)` translation.

SELECT MENU

Resources for a single widget class can be displayed by clicking `Button2` on the corresponding node, or by adding the node to the selection list with `Button1` and using the `Show Resource Boxes` entry in the View menu. Since `Button1` actually toggles the selection state of a node, clicking on a selected node will cause it to be removed from the selected list.

Collections of nodes may also be selected through the various entries in the Select menu:

Unselect All

This entry removes all nodes from the selection list. This operation may also be

performed with the Select(nothing) translation.

Select All

This entry adds all nodes to the selection list. This operation may also be performed with the Select(all) translation.

Invert All

This entry adds unselected nodes to, and removes selected nodes from, the selection list. This operation may also be performed with the Select(invert) translation.

Select Parent

This entry selects the immediate parents of all selected nodes. This operation may also be performed with the Select(parent) translation.

Select Ancestors

This entry recursively selects all parents of all selected nodes. This operation may also be performed with the Select(ancestors) translation.

Select Children

This entry selects the immediate children of all selected nodes. This operation may also be performed with the Select(children) translation.

Select Descendants

This entry recursively selects all children of all selected nodes. This operation may also be performed with the Select(descendants) translation.

Select Has Resources

This entry selects all nodes that add new resources (regular or constraint) to their corresponding widget classes. This operation may also be performed with the Select(resources) translation.

Select Shown Resource Boxes

This entry selects all nodes whose resource boxes are currently expanded (usually so that they can be closed with Hide Resource Boxes). This operation may also be performed with the Select(shown) translation.

ACTIONS

The following application actions are provided:

Quit()

This action causes views to exit.

SetLabelType(type)

This action sets the node labels to display the widget variable or class names, as?

cording to the argument type.

SetOrientation(direction)

This action sets the root of the tree to be one of the following areas of the win?

down: West, North, East, or South.

Select(what)

This action selects the indicated nodes, as described in the VIEW MENU section:

nothing (unselects all nodes), invert, parent, ancestors, children, descendants, re? sources, shown.

Resources(op)

This action turns on, off, or toggles the resource boxes for the selected nodes. If

invoked from within one of the nodes (through the keyboard or pointer), only that node is used.

WIDGET HIERARCHY

Resources may be specified for the following widgets:

Viewres viewres

Paned pane

Box buttonbox

Command quit

MenuButton view

SimpleMenu viewMenu

SmeBSB layoutHorizontal

SmeBSB layoutVertical

SmeLine line1

SmeBSB namesVariable

SmeBSB namesClass

SmeLine line2

SmeBSB viewResources

SmeBSB viewNoResources

MenuButton select

SimpleMenu selectMenu

SmeBSB unselect

SmeBSB selectAll

SmeBSB selectInvert

SmeLine line1
SmeBSB selectParent
SmeBSB selectAncestors
SmeBSB selectChildren
SmeBSB selectDescendants
SmeLine line2
SmeBSB selectHasResources
SmeBSB selectShownResources

Form treeform

Porthole porthole

Tree tree

Box variable-name

Toggle variable-name

List variable-name

Panner panner

where variable-name is the widget variable name of each node.

SEE ALSO

X(7), xrdb(1), listres(1), editres(1), appres(1), appropriate widget documents

AUTHOR

Jim Fulton, MIT X Consortium

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VIEWRES(1)