

Listbox Control

Qt Custom Control

Written by Dave Yates

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Description

This is a simple, single-selection listbox control with suitable wrapper for using with the Colledia Control Visual Designer.

This control is contained within `bncs_ssmart.dll`.

Wherever possible don't explicitly set parameters – use the default or a stylesheet.

Settings

You can pass any of the following settings to this control in the format:

`<parameter>=<value>`

Default values (those when a new button is created or when a reset command issued) are shown in **bold**.

Parameter	Value	Notes
reset		Used to reset all the parameters of this control back to their default state
return		<p>Return a named parameter from this control.</p> <p>Possible values are:</p> <p style="padding-left: 40px;"><code>return=selected</code></p> <p style="padding-left: 40px;">returns the text of the currently selected item or null string if nothing is currently selected</p> <p style="padding-left: 40px;"><code>return=selectedindex</code></p> <p style="padding-left: 40px;">will return the value of the currently selected item or -1 if there is no item selected e.g.</p>

		<pre>selectedindex=12</pre> <p>To return a list of the items in a listbox use:</p> <pre>return=items</pre> <p>This returns a pipe delimited list of the items in the listbox e.g.</p> <pre>items=one two three</pre>
colour.text colour.background	Any valid Qt colour or nothing.	<p>Set colour of the specified parameter.</p> <p>e.g. the following two examples are equivalent:</p> <pre>colour.led=red</pre> <pre>colour.led=#ff0000</pre> <p>Setting the value to zero length string (see example) sets the colour back to the default colour specified in the skin. This is the default for these settings.</p> <p>e.g.</p> <pre>colour.background=</pre> <pre>colour.text=</pre>
notify.selection	true	Enables notification on the specified events
add add.<id>		<p>The text to add to this list</p> <p>e.g. “add=hello” adds the text “hello” to the listbox – sorting according to the sort parameter.</p> <p>e.g. “add.2=hello” adds the text “hello” to the listbox as the third entry. The <id> parameter is irrelevant if sorting is set to “true”</p>
selected.id selected.text.<options> selected=next selected=previous selected=none	See below for text options	<p>Set the selected item</p> <p>e.g. “selected.id=4” selects item 5 in the list</p> <p>e.g. “selected.text.exact=abc” selects the first instance of text “abc” in the listbox</p>
remove.id remove.text.<options> remove	See below for text options	<p>Remove item(s) from the list.</p> <p>If an id is specified only that item is removed (indexed from 0)</p> <p>if “text” is specified all items matching that text are removed – the <options> parameter</p>

		<p>specify the search criteria – see below.</p> <p>If no sub parameter is specified the currently selected item is removed</p> <p>e.g. “remove.id=0” removes the first item in the list</p> <p>e.g. “remove.text=hello” removes the first instance of the text “hello” in the list</p> <p>e.g. “remove.text.all=hello” removes all instances of the text “hello” in the list</p> <p>e.g. “remove” just removes the currently selected item – if there is one.</p>
clear		clear the contents of the listbox
sort	true false	<p>Whether to sort items alphabetically. Note this suffers the usual problem of this ordering defect:</p> <p style="text-align: center;">ARC1 ARC10 ARC2</p>
font.face		<p>The current font face.</p> <p>If no font face is specified (the default) then the standard font face as defined in the skin is used.</p>
font.size	10 -2 (see notes)	<p>The current font size to use.</p> <p>If a font face is specified then this is the absolute point size used.</p> <p>If no font face is specified then this value is the offset from the default skin font size.</p> <p>e.g. this provides an absolute font/size</p> <pre style="margin-left: 40px;">font.face=arial font.size=12</pre> <p>e.g. this uses the standard font in a slightly smaller size (note the negative font size)</p> <pre style="margin-left: 40px;">font.face= font.size=-2</pre>
stylesheet		<p>Stylesheet entry to use for this button</p> <p>(the stylesheet entry is an external list of</p>

	any combination of the above settings)
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Text search options

The default options are: case in-sensitive, substring search. These options can be combined.

Option	Notes
exact	The string must match exactly (not case sensitive however)
casesensitive	The search is case sensitive (i.e. don't match "ABC" with "abc")
contains	We may match only part of the string
begins	A string that begins with the search string
ends	A string that ends with the search string
all	This option is only valid for the remove command. This removes all instances of the found string rather than the default which is to remove the first instance

Notifications

Notifications are also in the format:

<parameter> = <value>

Parameter	Value	Notes
selection.<item id>	text value of current selection	The notifications are only made if they are enabled in the settings above.