
Subject: Re: 2022.3

Posted by [mdelfede](#) on Wed, 04 Jan 2023 09:22:30 GMT

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Hi Mirek (and happy new year, btw!),

Im'using the ListObject() too... here is the code in my control constructor:

```
PopUpList &pt = ListObject();
prevListSelect = pt.WhenSelect;
pt.WhenSelect = THISBACK(listSelectCb);
```

and in the handler:

```
// catches selections on popuplist
// to handle changes in layer's properties
void LayersDrop::listSelectCb(void)
{
    // get clicked point
    Point p = ::GetMousePos() - GetScreenRect().TopLeft();
    int col;
    if(p.x < 24)
        col = 0;
    else if(p.x < 48)
        col = 1;
    else
        col = 3;
    int iLine = ListObject().GetCursor();

    // if no line clicked or clicked on name, normal behaviour
    // of current layer selection
    if(IsNull(iLine) || col == 3)
    {
        prevListSelect();
        return;
    }

    // clicked on an item, just call given callback
    // and repost a drop on list
    Value v = GetValue(iLine);
    LayerData ld = ValueTo<LayerData>(v);
    if(col == 0)
        ld.on = !ld.on;
    else if(col == 1)
        ld.locked = !ld.locked;
```

```
v = RawToValue(Id);
SetValue(iLine, v);
WhenToggle(Id.name, Id.on, Id.locked);
PostCallback(THISBACK(Drop));
}
```

Here the effect :

You can open the droplist, click on layer name (third column) and the list behaves as usual (the layer is selected and list is closed), but if you click on first 2 columns (layer ON/OFF and layer LOCK/UNLOCK) the list stay open but the state of item is toggled.

By now I solved by the usual "#define private protected" trick before including CtrlLib and re-adding the ListObject() function in my control. Not a very nice way... and I must disable blitz for this package.

It would be nice to have the ListObject() function again, or at least to put the 'list' item as protected instead of private...

File Attachments

1) [layers.png](#), downloaded 694 times
