Subject: Exit app from menu on control in Tab
Posted by slashupp on Fri, 25 Feb 2022 08:44:14 GMT
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I want to exit the app from a menu-item on an ArrayCtrl::WhenBar-handler in a TabCtrl in the main window.

I am using bar.Add("Exit", [&]{ Break(); }); --- bug - assertion fails
I also tried bar.Add("Exit", [=]{ Break(); }); but get same error

What is the right way to do so?

Subject: Re: Exit app from menu on control in Tab
Posted by deep on Mon, 07 Mar 2022 09:20:56 GMT
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Hi

This is how I do

```
 bar.Add ( t_ ( "Exit" ), [=] { Exit(); })
 .Help ( t_ ( "Exit the application" ) );
```

And Exit() function.

```
void mainclass::Exit()
{
 Close();
}
```

Subject: Re: Exit app from menu on control in Tab
Posted by slashupp on Mon, 07 Mar 2022 10:50:41 GMT
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Thanks for the suggestion.
Unfortunately does not work either, and/but I don't get any error-message either, it just does nothing.
(I tried it before with overriding 'Close()' in the mainclass as well)

I debug-traced the execution-calls, it follows:
TopWindow::Close()
    Ctrl::IgnoreMouseUp()

Ctrl::Close() - which it completes to '... popup = false; }'
(and then seems to go on with standard Upp processing, I think)
and then nothing happens, the app still runs.

I tried with & without GuiLock __; and also in Release-mode - still fails to close the app
(the app needs to close in a controlled way because a class needs to update a db on dtor)

Subject: Re: Exit app from menu on control in Tab
Posted by deep on Mon, 07 Mar 2022 10:54:00 GMT
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Hi Slashupp,

Check GeoFun from example folder of UPP.

It may be available other places also.

Subject: Re: Exit app from menu on control in Tab
Posted by slashupp on Mon, 07 Mar 2022 11:05:51 GMT
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I checked GeoFun just now...
(It works in my app if put an arrayctrl directly in the mainclass) BUT ...
The big/main difference is that I've got a TabCtrl(several tabs) and in a tab there
is a ArrayCtrl as child. It is from the popup-menu on this child arrayctrl that I want to
be able to close the app. I use a pointer to the main-class instance where the Exit()(or /Close())
method is defined to make the call from the lambda. This is what fails.

Subject: Re: Exit app from menu on control in Tab
Posted by Oblivion on Mon, 07 Mar 2022 16:09:15 GMT
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Hello slashupp

Have you tried posting a callback to the main window/loop. (e.g. using PostCallback([&] { Break();}) method) ?

Best regards,
Oblivion

Subject: Re: Exit app from menu on control in Tab

Posted by slashupp on Mon, 07 Mar 2022 17:17:50 GMT
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Hi Oblivion

Doing 'PostCallback([&] { Break(); })' does not work.
but when I replace the call to Break(); with a call to the Exit(); from deep's answer it works!
'PostCallback([&] { Exit(); })' - works!

Thank you