Subject: WithEnterAction compile error
Posted by peterh on Fri, 31 May 2019 08:27:37 GMT
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Hi,

there is an error in WithEnterAction.h:
Callback cb = B::WhenAction;
gives this error:

C:\upp/bazaar/WithEnterAction/WithEnterAction.h (16): error: conversion from 'Upp::Event<>' {aka 'Upp::Function<void()>'} to non-scalar type 'Upp::Callback' {aka 'Upp::CallbackN<>'} requested

Writing
Upp::Function<void()> cb = B::WhenAction;
or
auto cb = B::WhenAction;
Cures the problem.

This said, I must admit, I am a casual programmer and write only small tools for my own use in Job or at home.
I use C++ only to learn and experimental.
Normally I use Lazarus/Freepascal and there is the Event "OnEditingDone" which does just this and the Eventhandler method is implemented at designtime by a doubleclick into the Event list.

Because this is the only Event I normally want to use for input fields, I would wish a more comfortable solution here.

All the Best,

Peter

Subject: Re: WithEnterAction compile error
Posted by peterh on Tue, 04 Jun 2019 07:33:29 GMT
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Edit:
Dont mind.
I have now found, the problem is already solved.
It is already possible to define a usertype based on a template e.g. WithEnterAction<EditString> in the Layout editor.
In this case all options of EditString are available.

This feature however seems to be undocumented and without tutorial or example and not

discussed in the forum.
So I needed some time to find out.

I hope, this helps new users:

All the best,

Peter

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File Attachments
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1) cats.png, downloaded 741 times

Subject: Re: WithEnterAction compile error
Posted by peterh on Sun, 09 Jun 2019 17:00:23 GMT
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I made an updated version of Bazaar/WithEnterActionTest.

Features:

Compile error fixed.
Shows alternative use of THISBACK or lambda callbacks.
Has option box to demonstrate "multipleenter" feature.
Demonstrates usage of Layout Designer with templates.
(So it also generally shows how to subclass controls that are defined in the Layout editor.)

All controls are made in the designer, rather than programatically added.

Have fun!

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File Attachments
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1) WithEnterActionTest.zip, downloaded 398 times

Subject: Re: WithEnterAction compile error
Posted by peterh on Sun, 09 Jun 2019 17:04:54 GMT
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It looks like this:

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1) WithEnterAction.png, downloaded 691 times