Subject: Re: Know what you're using. Size of some common types.
Posted by mirek on Wed, 11 May 2022 07:42:24 GMT
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So here I am after one month of optimizing:

Current U++:

* C:\upp\out\benchmarks\CLANGx64.Gui\sizeof_gui.exe 29.04.2022 17:35:45, user: cxl

sizeof(Image) = 8
sizeof(RichText) = 248
sizeof(Ctrl::LogPos) = 8
sizeof(LabelBase) = 136
==========
sizeof(Ctrl) = 152
sizeof(ScrollBar) = 1136
sizeof(HeaderCtrl) = 1456
sizeof(Button) = 224
sizeof(Switch) = 224
sizeof(Label) = 296
sizeof(EditField) = 440
sizeof(EditString) = 456
sizeof(EditInt) = 472
sizeof(SpinButtons) = 472
sizeof(EditIntSpin) = 952
sizeof(DisplayPopup) = 256
sizeof(PopUpTable) = 3824
sizeof(WithDropChoice<EditString>) = 4920
sizeof(DropList) = 4488
sizeof(ArrayCtrl) = 3784
sizeof(TreeCtrl) = 3656
sizeof(TreeCtrl::Node) = 80
sizeof(FileSel) = 26056
sizeof(RichTextView) = 1632
sizeof(ColumnList) = 1752
sizeof(RichEdit) = 69464

gui_sizeof branch:

* C:\upp\out\gui_sizeof_benchmarks\CLANGx64.Blitz.Gui\sizeof_gui.exe 11.05.2022 09:39:05, user: cxl

sizeof(Image) = 8

sizeof(RichText) = 248
sizeof(Ctrl::LogPos) = 8
sizeof(LabelBase) = 64
==========
sizeof(Ctrl) = 104
sizeof(ScrollBar) = 192
sizeof(HeaderCtrl) = 464
sizeof(Button) = 176
sizeof(Switch) = 176
sizeof(Label) = 176
sizeof(EditField) = 320
sizeof(EditString) = 336
sizeof(EditInt) = 352
sizeof(SpinButtons) = 376
sizeof(EditIntSpin) = 384
sizeof(DisplayPopup) = 16
sizeof(PopUpTable) = 1552
sizeof(DropList) = 440
sizeof(WithDropChoice<EditString>) = 760
sizeof(ArrayCtrl) = 1512
sizeof(TreeCtrl) = 1288
sizeof(TreeCtrl::Node) = 80
sizeof(FileSel) = 8536
sizeof(RichTextView) = 640
sizeof(ColumnList) = 520
sizeof(RichEdit) = 22728