Subject: Problem. How to convert AttrText to String?
Posted by kov_serg on Fri, 06 Aug 2010 09:47:32 GMT
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Value v=AttrText("text");
String s=v; // ups - invalid conversion RawValueRep<AttrText> -> String
Is something missed?

It happens when I try to insert Values into WithDropChoice<EditString> with Monospace font.

```
  ...
  list.AddList(AttrText("option 1").SetFont(Monospace()));
  list.AddList(AttrText("option 2").SetFont(Monospace()));
  ...
```

But when I select string from drop down list I have empty string as a result

ps: Upp2467

Subject: Re: Problem. How to convert AttrText to String?
Posted by zsolt on Fri, 06 Aug 2010 10:44:59 GMT
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```
String s;
if(IsType<AttrText>(v)){
 const AttrText& at = ValueTo<AttrText>(v);
 s = at.text.ToString();
}
```

Subject: Re: Problem. How to convert AttrText to String?
Posted by kov_serg on Fri, 06 Aug 2010 23:06:36 GMT
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Try this out:

```
#include <CtrlLib/CtrlLib.h>
using namespace Upp;

struct Example : TopWindow {
 typedef Example CLASSNAME;
 WithDropChoice<EditString> item;
 Example() {
  SetRect(0,0,200,32);Title("Feel the difference");
  item.AddList(AttrText("one").SetFont(Monospace()));
```

```
  item.AddList(AttrText("two").SetFont(Monospace()));
  item.AddList(AttrText("three").SetFont(Monospace()));
  item.AddList("1");
  item.AddList("2");
  item.AddList("3");
  item.SetText("zero");
  item.HSizePosZ(8, 8).TopPosZ(8, 19);
  Add(item);
 }
};

GUI_APP_MAIN {
 Example().Run();
}
```
The question is what should I write to force this work?

Subject: Re: Problem. How to convert AttrText to String?
Posted by zsolt on Sat, 07 Aug 2010 21:33:41 GMT
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I think you have to create a new Convert class, knowing about AttrText.

Subject: Re: Problem. How to convert AttrText to String?
Posted by kov_serg on Tue, 10 Aug 2010 06:24:53 GMT
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Why there is no such class?
Could anybody show how to write ValueRep or how to do Value convertor or any example or hint

---

Subject: Re: Problem. How to convert AttrText to String?
Posted by zsolt on Tue, 10 Aug 2010 13:35:39 GMT
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Ok, you have to override EditString::SetData method:

```
#include <CtrlLib/CtrlLib.h>
using namespace Upp;

class MyEditString : public EditString {
public:
 virtual void SetData(const Value& data){
  if(IsType<AttrText>(data)){
   EditString::SetData(ValueTo<AttrText>(data).text.ToString());
  }else{
```

```
   EditString::SetData(data);
  }
 }
};

struct Example : TopWindow {
 typedef Example CLASSNAME;
 WithDropChoice<MyEditString> item;
 Example() {
  item.SetDisplay(StdDisplay());
  SetRect(0,0,200,32);Title("Feel the difference");
  item.AddList(AttrText("one").SetFont(Monospace()));
  item.AddList(AttrText("two").SetFont(Monospace()));
  item.AddList(AttrText("three").SetFont(Monospace()));
  item.AddList("1");
  item.AddList("2");
  item.AddList("3");
  item.SetText("zero");
  item.HSizePosZ(8, 8).TopPosZ(8, 19);
  Add(item);
 }
};


GUI_APP_MAIN
{
 Example().Run();
}
```

Subject: Re: Problem. How to convert AttrText to String?
Posted by mirek on Fri, 13 Aug 2010 09:00:09 GMT
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kov_serg wrote on Fri, 06 August 2010 05:47
Value v=AttrText("text");
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ps: Upp2467

AttrText was concieved as simple means to put something more formatted to StdDisplay (and thus to everything that is using StdDisplay as default). No further use of such value was expected...

Subject: Re: Problem. How to convert AttrText to String?
Posted by kov_serg on Fri, 20 Aug 2010 07:43:09 GMT
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I understand.

But the question is how to do combobox with drop down items that have same Monotype font.

What is the simplest solutiong for this problem?

Write my own Display class or write my own WithDropChoice2 or MyEditString with overrided SetData or something different?

Subject: Re: Problem. How to convert AttrText to String?
Posted by mirek on Tue, 31 Aug 2010 17:28:29 GMT
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kov_serg wrote on Fri, 20 August 2010 03:43I understand.

But the question is how to do combobox with drop down items that have same Monotype font.

What is the simplest solutiong for this problem?

Write my own Display class or write my own WithDropChoice2 or MyEditString with overrided SetData or something different?

Display class.

Mirek

Subject: Re: Problem. How to convert AttrText to String?
Posted by zsolt on Tue, 31 Aug 2010 20:22:28 GMT
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Yes, see the Display package in reference assembly.
