
Subject: Re: How to trim leading and trailing spaces in EditString?

Posted by [Zbych](#) on Thu, 26 Nov 2009 09:55:37 GMT

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luzr wrote on Sun, 22 November 2009 23:28 It is because NotNull is method of StringConvert, so if you replace the Convert, it is your responsibility to test for Null.

Ok, I see .

Maybe you could add trimming to EditString and ConvertString?

file EditCtrl.h:

```
class EditString : public EditValue<WString, ConvertString> {
[...]
    EditString& TrimSpaces(bool ts = true)          { ConvertString::TrimSpaces(ts); return *this; }
};
```

file Convert.h:

```
class ConvertString : public Convert {
[...]
    ConvertString& TrimSpaces(bool b = true)      { trim_spaces = b; return *this; }
[...]
#ifdef flagSO
    ConvertString(int maxlen = INT_MAX, bool notnull = false, bool trim_spaces = false);
    virtual ~ConvertString();
#else
    ConvertString(int maxlen = INT_MAX, bool notnull = false, bool trim_spaces = false)
        : maxlen(maxlen), notnull(notnull), trim_spaces(trim_spaces) {}
#endif
[...]
```

file Convert.cpp:

```
Value ConvertString::Scan(const Value& text) const {
    if(IsError(text)) return text;
    if(IsNull(text)) return notnull ? NotNullError() : Value(text);
    if(text.GetType() == STRING_V && String(text).GetLength() <= maxlen ||
        text.GetType() == WSTRING_V && WString(text).GetLength() <= maxlen) return trim_spaces ?
    Value(TrimBoth(text)) : text;
    return ErrorValue(UPP::Format(t_("Please enter no more than %d characters."), maxlen));
}
```

CtrlLib.usc:

```
ctrl EditString {  
  >EditNotNull;  
  bool TrimSpaces;  
  raw MaxLen;  
  
  PaintData(w) {  
    text = (.NotNull ? "!" : "") + "Str";  
    if(.MaxLen != "")  
      text << " < " << .MaxLen;  
    PaintText(w, text);  
  }  
}
```
