Subject: StrIntValue -> uses int64
Posted by captainc on Fri, 29 Aug 2008 15:27:53 GMT
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I ran into a snag when using StrIntValue(). I assumed it stored an int, but it in fact uses int64. I had a few moments of confusion because of this. I suggest we have 2 functions, one StrIntValue() that uses int type and StrInt64Value() that uses int64 type so that others aren't confused. In the end, I just ended up using Value(StrInt(num)) instead of StrIntValue(num).

Subject: Re: StrIntValue -> uses int64
Posted by mirek on Fri, 29 Aug 2008 18:05:23 GMT
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Hm somehow I do not see which problems you have hit.

Value is conversible. The only possible issue I can see is that text represents something that does not fit into 'int' but does into 'int64'...

(Hm, would it be a good idea if conversions checked this and returned Null in such case?).

Mirek

Subject: Re: StrIntValue -> uses int64
Posted by captainc on Fri, 29 Aug 2008 23:40:27 GMT
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Example:
```
 Value my_value = StrIntValue("5");
//...
int val = ValueTo<int>(my_value);
```

I expected this to work, but it didn't. Gave me errors about int64...

Quote:(Hm, would it be a good idea if conversions checked this and returned Null in such case?). Not sure, on one hand, I knew where to look because it had the error, but on the other hand, returning Null would stop error from happening in program.

Subject: Re: StrIntValue -> uses int64
Posted by captainc on Fri, 29 Aug 2008 23:51:27 GMT
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What about automatic up-conversion to int64 if string is deemed to be too large for int?

Then, ValueTo<int> would be Null and ValueTo<int64> would be fine. The user can check the Value's type with the usual my_value.Is<int>().

Subject: Re: StrIntValue -> uses int64
Posted by mirek on Fri, 29 Aug 2008 23:53:43 GMT
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Ops.

int val = my_value;

would work

Mirek
