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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).

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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

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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.

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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>()`.

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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

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