Subject: Characters displaying numbers
Posted by nick28th on Tue, 10 Aug 2010 18:56:07 GMT
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-Solved-

Subject: Re: Characters displaying numbers
Posted by nick28th on Tue, 10 Aug 2010 19:27:52 GMT
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PLEASE, i cannot figure this out

Subject: Re: Characters displaying numbers
Posted by Sender Ghost on Tue, 10 Aug 2010 21:23:12 GMT
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Hello, Nick.

When you get data from ArrayCtrl you get it in Value type.
To convert it to integer type you can use ValueTo template:

```
const Value& v = array.Get(0, 0); // some data from ArrayCtrl
int i;
if (IsNumber(v)) // Check for Number format
  i = ValueTo<int>(v); // conversion
else PromptOK("Error input format");
```

Also you can use atoi or CParser ReadNumber functions.

Edit:
But if I understood you correctly, you just need to change your DNA5, DNA3, RNA5, RNA3 type from char to String.

Subject: Re: Characters displaying numbers
Posted by Mindtraveller on Wed, 11 Aug 2010 04:26:18 GMT
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Hello, Sender Ghost!

Please avoid using ValueTo<> function.
For integer values it opens a hell of problems with int/int64 compatibility.
Please consider using i = (int) v; instead.
This is important thing, because with ValueTo<> you may have everything compiled well but meet a tons of run-time exceptions instead.

Subject: Re: Characters displaying numbers
Posted by koldo on Wed, 11 Aug 2010 06:31:38 GMT
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Hello

Yes, I think just this is enough:

```
Value v, w;
int i;
String s;

...

i = v;
s = w;
```

Subject: Re: Characters displaying numbers
Posted by Mindtraveller on Wed, 11 Aug 2010 06:48:44 GMT
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Thanks, koldo! Your example is shorter and better. I just use explicit conversion for the sake of code readability.

Subject: Re: Characters displaying numbers
Posted by koldo on Wed, 11 Aug 2010 08:22:55 GMT
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Subject: Re: Characters displaying numbers
Posted by Sender Ghost on Wed, 11 Aug 2010 17:17:53 GMT
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Hello, Pavel.

Thanks, for tip. I read about your experience with such problems on the forum. Practically, it looks like the same (on the 312 line of uppsrc/Core/Value.h), but compiler can do something otherwise.

But, I guess, current problem is different.
char *DNA5 = "A"; or just using A with quotes to Add function is more appropriate.

Subject: Re: Characters displaying numbers
Posted by nick28th on Thu, 12 Aug 2010 22:16:25 GMT
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nah i figured it out just did it (As string())