

## CoCoA-5 - Bug #524

### BuiltInFunctions: remove calls to WrongTypeException

08 Apr 2014 08:17 - Anna Maria Bigatti

<b>Status:</b>	Closed	<b>Start date:</b>	08 Apr 2014
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Anna Maria Bigatti	<b>% Done:</b>	100%
<b>Category:</b>	Parser/Interpreter	<b>Estimated time:</b>	3.00 hours
<b>Target version:</b>	CoCoA-5.1.1 Seoul14	<b>Spent time:</b>	3.50 hours
<b>Description</b>			
Many functions calling to <b>WrongTypeException</b> could be modernized using <b>EvalArgAsT1OrT2..</b> making the code shorter, more readable, more robust (no risk to forget one type in the error msg)			
<b>Related issues:</b>			
Related to CoCoA-5 - Design #294: BuiltInFunctions: General "OneLiner" for ar...		<b>Closed</b>	<b>23 Jan 2013</b>
Related to CoCoA-5 - Design #597: Interpreter.C: remove calls to WrongTypeEx...		<b>New</b>	<b>28 Jul 2014</b>

### History

#### #1 - 08 Apr 2014 09:14 - Anna Maria Bigatti

I've done some work on **gcd** and **lcm** (among the worst).  
I think it's more readable now.  
NB: There is no **PtrCastList** because a vector needs to know what it's a vector of.

#### #2 - 08 Apr 2014 09:42 - Anna Maria Bigatti

I modernized **RingOf**: code much much nicer now!

#### #3 - 16 Jul 2014 19:01 - Anna Maria Bigatti

Done BaseRing. I'll do the rest tomorrow

#### #4 - 18 Jul 2014 09:06 - Anna Maria Bigatti

- Status changed from *New* to *Feedback*
- Priority changed from *Normal* to *High*
- % Done changed from *0* to *90*

All done (ascii, apply, ContentWRT, CoefficientWRT).  
Changed priority to high because I'm presenting this in Seoul ;-)  
There is only one call left in BuiltInFunctions-Normaliz.C but that is a special case for inputting a record (a non standard situation)

#### #5 - 28 Jul 2014 11:48 - Anna Maria Bigatti

- Status changed from *Feedback* to *Closed*
- % Done changed from *90* to *100*

There are a few more WrongTypeException left in Interpreter.C.  
Those are of a slightly different nature and should go into another issue.  
This one is done!