

CoCoALib - Feature #533

Convert BigInt/BigRat to string

10 Apr 2014 00:37 - John Abbott

Status:	Closed	Start date:	10 Apr 2014
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	New Function	Estimated time:	7.50 hours
Target version:	CoCoALib-0.99533 Easter14	Spent time:	8.75 hours
Description I thought there used to be ConvertTo<string>(N) for BigInt and BigRat. Maybe there used to be, but they were removed for some reason (e.g. the "convert" family is only for conversion between arithmetic types?) The doc says to use ostringstream instead; that's inconvenient (needs an extra header included, 3 lines instead of 1 fn call). Reinstate "conversion" of BigInt and BigRat to string? What should the fns be called?			
Related issues: Related to CoCoA-5 - Design #534: Remove float.cpkg5			
		Closed	10 Apr 2014

History

#1 - 10 Apr 2014 00:39 - John Abbott

- Status changed from New to In Progress
- % Done changed from 0 to 10

I have made a quick impl in file decimal.C; its currently called decimals. I had wanted to use DecimalStr but that's already taken (and has a different meaning).

Is decimal.C the right place for such a fn?
What about IntOperations.C? Perhaps that is more for arithmetic?

#2 - 20 May 2014 10:33 - John Abbott

- Status changed from In Progress to Closed
- Assignee set to John Abbott
- Target version changed from CoCoALib-0.99534 Seoul14 to CoCoALib-0.99533 Easter14
- % Done changed from 10 to 100
- Estimated time set to 7.50 h

This has already been done (by me, but I can't recall exactly when).
There is now a template fn called **ToString**; it is bundled with FloatStr, DecimalStr and ScientificStr in a file called ToString.

Doc & examples have been updated too.