

CoCoA-5 - Support #767

Rename Log to exponents

03 Sep 2015 14:20 - John Abbott

Status:	Closed	Start date:	03 Sep 2015
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	enhancing/improving	Estimated time:	0.00 hour
Target version:	CoCoA-5.1.3/4 Jan 2016	Spent time:	0.70 hour
Description In Inoe with using the same fn names in CoCoA-5 and CoCoALib we have decided to change log (of a power product) into exponents. The old names log and Log are obsolescent; they will continue to work, but each call will print out a warning about being obsolescent.			
Related issues:			
Related to CoCoA-5 - Feature #737: Elementary transcendental functions (sin, ...		In Progress	21 Jun 2015
Related to CoCoA-5 - Support #768: Rename LogToTerm to MakeTerm		Closed	03 Sep 2015

History

#1 - 03 Sep 2015 14:24 - John Abbott

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

The new name exponents is rather long, but is easier to understand.

The impl in BuiltinFunctions.C cannot be 1 line because there must also be a call to LPP; this is perhaps due to a slightly different definition in CoCoA-5 from that of CoCoALib - in CoCoA-5 it applies to the LPP of a poly whereas in CoCoALib it applies to a PP.

Not using the name log makes it potentially easier to add some approx transcendental functions (see [#737](#)).

#2 - 03 Sep 2015 14:29 - John Abbott

- Status changed from In Progress to Resolved
- Assignee set to John Abbott
- % Done changed from 10 to 70

Changed BuiltinFunctions.C; updated packages and documentation; updated tests.

How to rename **LogToTerm**???

#3 - 03 Sep 2015 16:00 - John Abbott

- Status changed from Resolved to Feedback
- % Done changed from 70 to 90

#4 - 17 Feb 2016 13:02 - John Abbott

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

Closing after 6 months in feedback.