

CoCoALib - Support #810

ILogBase: change name?

20 Nov 2015 14:34 - John Abbott

Status:	Closed	Start date:	20 Nov 2015
Priority:	Low	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	Renaming	Estimated time:	0.00 hour
Target version:	CoCoALib-0.99540 Feb 2016	Spent time:	1.60 hour
Description I was wondering about using a better name for ILogbase. I used it recently in a new function, and couldn't remember exactly what it does, and the name was not so helpful in reminding me. Possible candidates are FloorLog and FloorLogBase			

History

#1 - 20 Nov 2015 14:36 - John Abbott

Personally I think that **FloorLogBase** is too long. Anyway, the fn should expect two args (of which the second is the base of the logarithm).

I suspect (but have not verified) that it is most usually called with 2nd arg being **2**, so it might even make sense to have a special fn **FloorLog2?**
Perhaps also **FloorLog10?**

Ideas? Comments? Opinions?

#2 - 23 Nov 2015 11:19 - Anna Maria Bigatti

- % Done changed from 0 to 10

John Abbott wrote:

Personally I think that **FloorLogBase** is too long. Anyway, the fn should expect two args (of which the second is the base of the logarithm).

I like **FloorLogBase**

I suspect (but have not verified) that it is most usually called with 2nd arg being **2**, so it might even make sense to have a special fn **FloorLog2?**
Perhaps also **FloorLog10?**

Yes, I like them

#3 - 23 Nov 2015 14:37 - John Abbott

- Status changed from New to In Progress
- Assignee set to John Abbott
- Target version changed from CoCoALib-1.0 to CoCoALib-0.99540 Feb 2016
- % Done changed from 10 to 40

I've almost finished making the changes. I think FloorLog2 and FloorLog10 do improve readability of the code where they are used.

Should the CoCoA-5 manual pages for FloorLog2 and FloorLog10 be separate from that for FloorLogBase? If not, what should the title of the page be? **FloorLog2, FloorLog10, FloorLogBase?**

#4 - 23 Nov 2015 14:56 - Anna Maria Bigatti

John Abbott wrote:

Should the CoCoA-5 manual pages for FloorLog2 and FloorLog10 be separate from that for FloorLogBase? If not, what should the title of the page be? **FloorLog2, FloorLog10, FloorLogBase?**

Separate. Three entries (at least two...)

#5 - 23 Nov 2015 15:03 - Anna Maria Bigatti

Same should be for isqrt! FloorSqRt? FloorSqrt?

#6 - 23 Nov 2015 19:25 - John Abbott

- Status changed from In Progress to Resolved
- % Done changed from 40 to 80

Checked in the renaming ILogBase to FloorLogBase.

Currently the C5 manual page is single; it's what I'd done, and I have not yet had time to change it (but I prefer to check in before going home).

Maybe try the manual page as it is, and see what you think. I have compilation problems, so will check it later.

#7 - 24 Nov 2015 14:30 - John Abbott

I'm still happy with the single combined page for FloorLog2, FloorLog10, and FloorLogBase. But if you can convince me otherwise...

#8 - 26 Nov 2015 18:10 - Anna Maria Bigatti

- Status changed from Resolved to In Progress
- % Done changed from 80 to 40

John Abbott wrote:

I'm still happy with the single combined page for FloorLog2, FloorLog10, and FloorLogBase. But if you can convince me otherwise...

OK, I guess that's good having the first 8 characters in common ;-)

#9 - 26 Nov 2015 18:20 - John Abbott

- *Status changed from In Progress to Feedback*
- *% Done changed from 40 to 90*

Putting into Feedback now that Anna is happy with the C5 manual entry.
I'll add ILogBase to obsolescent.cpkg5.

#10 - 21 Mar 2016 15:21 - John Abbott

- *Status changed from Feedback to Closed*

4 months in feedback without problems: closing!

#11 - 22 Mar 2016 17:31 - Anna Maria Bigatti

- *% Done changed from 90 to 100*