

Base Language - Feature #1598

Feature # 1596 (Closed): complete big decimal implementation

shift LOG implementation (MathOps.log()) to BigDecimal

10/19/2012 08:11 AM - Greg Shah

Status:	Closed	Start date:	01/27/2014
Priority:	Normal	Due date:	01/29/2014
Assignee:	Hynek Cihlar	% Done:	100%
Category:		Estimated time:	6.00 hours
Target version:	Cleanup and Stablization for Server Features		
billable:	No	vendor_id:	GCD
Description			

History

#1 - 10/31/2012 01:50 PM - Greg Shah

- Target version set to Milestone 7

#2 - 04/25/2013 10:59 AM - Greg Shah

- Target version changed from Milestone 7 to Milestone 11

#3 - 05/03/2013 10:04 AM - Greg Shah

- Start date changed from 10/19/2012 to 08/07/2013
- Due date set to 08/07/2013
- Assignee set to Ovidiu Maxiniuc

#4 - 01/21/2014 01:31 PM - Greg Shah

- Start date changed from 08/07/2013 to 01/27/2014
- Due date changed from 08/07/2013 to 01/29/2014
- Assignee changed from Ovidiu Maxiniuc to Hynek Cihlar

#5 - 02/03/2014 04:44 PM - Hynek Cihlar

- Status changed from New to WIP

#6 - 02/12/2014 04:33 PM - Hynek Cihlar

- File hc\_upd20140212a.zip added

The attached file contains log function implementation and related changes for review.

The implemented log function yields the same outputs as the Progress native log function. The only exception is the logarithm of 1 to base 1. In this case Progress returns zero instead of the expected unknown value.

Testcases committed in the file testcases/uast/math/log.p.

#7 - 02/12/2014 06:27 PM - Greg Shah

Code Review 0212a

- It looks pretty good. Fix these minor issues and get it tested:
- 1. I'd prefer to add an abstract `NumberType.toBigDecimal()` instead of adding a static helper to `Utils`. The sub-classes can implement the non-lossy implementation directly.
  - 2. `MathOps` copyright end year needs to be update to 2014.

**#8 - 02/14/2014 07:13 AM - Hynek Cihlar**  
- File `hc_upd20140214a.zip` added

Introduced `toBigDecimal` abstract method in `NumberType` and fixed the file headers. The code changes passed regression testing.  
Please, review.

**#9 - 02/14/2014 05:47 PM - Greg Shah**  
Code Review 0214a  
  
The changes look good. You can check them in and distribute them.

**#10 - 02/15/2014 07:32 AM - Hynek Cihlar**  
Committed to bzt revision 10466.

**#11 - 02/15/2014 08:56 AM - Greg Shah**  
- % Done changed from 0 to 100  
- Status changed from WIP to Closed

**#12 - 11/16/2016 12:07 PM - Greg Shah**  
- Target version changed from Milestone 11 to Cleanup and Stablization for Server Features

Files			
hc_upd20140212a.zip	29.2 KB	02/12/2014	Hynek Cihlar
hc_upd20140214a.zip	59.2 KB	02/14/2014	Hynek Cihlar