CoCoALib - Feature #167

Integer operations

24 May 2012 16:19 - John Abbott

Status:	Closed		**Start date:**	24 May 2012
Priority:	Normal		**Due date:**	
Assignee:	John Abbott		**% Done:**	100%
Category:	Tidying		**Estimated time:**	4.00 hours
Target version:	CoCoALib-0.9951		**Spent time:**	6.50 hours

Description

While adding **IsDivisible** for integers, it was not clear where to put the declarations and definitions. So far they have been put in **MachineInt.H and/or *BigInt.H** though in a rather inconsistent manner.

To emphasise that MachineInt and BigInt are to be considered interchangeable (as far as is possible), the proposal is to put practically all basic arithmetic operations in a separate file (probably called **IntOperations.H**).

The price to pay is that anyone who wants just the MachineInt operations must also include the BigInt versions -- this is presumably a consequence of wanting them to be interchangeable.

History

#1 - 25 May 2012 14:41 - John Abbott

- Category set to Philosophy

- Status changed from New to In Progress

- Assignee set to John Abbott

- % Done changed from 0 to 10

The hard part will be all the consequential changes.

#2 - 25 May 2012 14:42 - John Abbott

- Project changed from CoCoA to CoCoALib

- Category deleted (Philosophy)

Problem originally arose in CoCoA-5, but the solution lies in changes to CoCoALib.

#3 - 28 May 2012 11:31 - John Abbott

I've moved (into **IntOperations**) and reorganized all the integer functions. There were lots of consequential changes. Everything works, so I have checked in.
Still have to update the documentation.

#4 - 28 May 2012 11:32 - John Abbott

- % Done changed from 10 to 80

#5 - 28 May 2012 17:15 - John Abbott

- Category set to Tidying

- Target version set to CoCoALib-0.9951

#6 - 31 May 2012 17:39 - Anna Maria Bigatti

- Status changed from In Progress to Closed

- % Done changed from 80 to 100