

CoCoALib - Bug #864

Assignment of rings (esp. derived rings such as PolyRing)

06 Apr 2016 15:15 - John Abbott

Status:	Closed	Start date:	06 Apr 2016
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	Tidying	Estimated time:	1.51 hour
Target version:	CoCoALib-0.99550 spring 2017	Spent time:	1.50 hour
Description			
In issue #244 we approved the activation of assignment for objects of type ring. Mario has pointed out that assignment is not possible for SparsePolyRing.			
Check that there are no objections/problems in activating assignment for all types of ring. If there are no problems, activate the assignments (it is probably sufficient to delete the code that disables assignment).			
Related issues:			
Related to CoCoALib - Feature #244: Rings: default ctor & assignment		Closed	28 Sep 2012

History

#1 - 06 Apr 2016 15:39 - John Abbott

- Status changed from New to In Progress

- % Done changed from 0 to 10

Since assignment is allowed for ring (and presumably causes no trouble), I see no reason for blocking it for "specializations" of ring. I'll try implementing and testing.

According to `egrep` the types of ring are: DenseUPolyRing, FractionField, PolyRing, QuotientRing and SparsePolyRing, and RingTwinFloat.

Though functions on rings accept args of type ring (or const ring&) for convenience, it is a good idea to maintain these specializations to help improve readability of code (e.g. via local variables of type SparsePolyRing rather than simply ring).

#2 - 07 Apr 2016 16:29 - John Abbott

- Related to Feature #244: Rings: default ctor & assignment added

#3 - 07 Apr 2016 16:31 - John Abbott

- Status changed from In Progress to Resolved

- Assignee set to John Abbott

- % Done changed from 10 to 80

I have commented out the parts which disable the default assignment. Everything compiled fine, and all tests passed. So I'll check in the changes.

#4 - 21 Sep 2016 17:34 - John Abbott

- Status changed from Resolved to Closed

- % Done changed from 80 to 100

This has been idle for 6 months; no problems have arisen. I have written a test (checked in). So closing.

#5 - 28 Apr 2017 09:34 - Anna Maria Bigatti

- Estimated time set to 1.51 h