

CoCoALib - Bug #864

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

06 Apr 2016 15:15 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	06 Apr 2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Tidying	<b>Estimated time:</b>	1.51 hour
<b>Target version:</b>	CoCoALib-0.99550 spring 2017	<b>Spent time:</b>	1.50 hour
<b>Description</b> In issue <a href="#">#244</a> 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).			
<b>Related issues:</b> Related to CoCoALib - Feature #244: Rings: default ctor & assignment			
		<b>Closed</b>	<b>28 Sep 2012</b>

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