

## CoCoALib - Feature #244

### Rings: default ctor & assignment

28 Sep 2012 17:52 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	28 Sep 2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Various	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CoCoALib-0.9952	<b>Spent time:</b>	1.25 hour
<b>Description</b>			
JAA proposes we add: <ul style="list-style-type: none"><li>• default ctor for <b>ring</b> (value is RingZZ())</li><li>• assignment of rings</li></ul> The second is certainly needed for the proposed changes to RingElem (see <a href="#">#221</a> ) Now that we have a unique copy of RingZZ() we can use it in the default ctor.			
<b>Related issues:</b>			
Related to CoCoALib - Feature #221: Better RingElems		<b>Closed</b>	<b>08 Aug 2012</b>
Related to CoCoALib - Bug #864: Assignment of rings (esp. derived rings such ...		<b>Closed</b>	<b>06 Apr 2016</b>

#### History

##### #1 - 28 Sep 2012 18:27 - Anna Maria Bigatti

OK! As I said for [#221](#)

##### #2 - 01 Oct 2012 10:15 - John Abbott

To enable assignment for **ring** I must enable assignment for **SmartPtrIRC**. I wonder what consequences that will have... Oh dear!

##### #3 - 01 Oct 2012 14:05 - John Abbott

- Status changed from New to In Progress

- % Done changed from 0 to 40

A simple test example showed that assignment of rings was already working. A visual check of the source for SmartPtrIRC confirmed that assignment is already activated (despite the comment to the contrary).

I'll update the documentation (which says nothing at all about assignment).

##### #4 - 02 Oct 2012 10:31 - John Abbott

- % Done changed from 40 to 50

I have improved the doc for **ring** (adding assignment and equality tests).

I have also confirmed that the current CVS image does indeed allow assignment of rings.

##### #5 - 18 Feb 2013 13:03 - John Abbott

- Category set to Various

- Status changed from In Progress to Closed

- Assignee set to John Abbott

- *Target version set to CoCoALib-0.9952*

- *% Done changed from 50 to 100*

Since no problems have surfaced in the last 4 months, I'm closing this issue. The code and doc appear to be correctly updated.

**#6 - 07 Apr 2016 16:29 - John Abbott**

- *Related to Bug #864: Assignment of rings (esp. derived rings such as PolyRing) added*