

## CoCoALib - Bug #428

### PPMonoidOv is not threadsafe

28 Jan 2014 12:09 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	28 Jan 2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	Safety	<b>Estimated time:</b>	1.51 hour
<b>Target version:</b>	CoCoALib-0.99533 Easter14	<b>Spent time:</b>	1.50 hour
<b>Description</b> PPMonoidOv uses a "global" buffer much as OrdvArith did. This is not threadsafe -- Christof has observed crashes. Revise the code to make it threadsafe!			
<b>Related issues:</b> Related to CoCoALib - Bug #413: OrdvArith: use of a single buffer is NOT THREE... <b>Closed</b> <b>21 Nov 2013</b>			

#### History

##### #1 - 28 Jan 2014 12:12 - John Abbott

- Category set to Safety
- Assignee set to John Abbott
- % Done changed from 0 to 20

JAA has modified the code to use local buffers if CoCoA\_THREADSafe\_HACK has a positive value.

15:00 Christof says his tests of the modified code have all passed :-)

##### #2 - 28 Jan 2014 18:00 - John Abbott

- Status changed from New to Feedback
- % Done changed from 20 to 90

Christof's tests have all gone well.  
The change was simple (but a bit tedious/ugly).  
I've even checked-in the code and updated the doc!  
I'll leave this in feedback until Osnabrueck has made a few more tests.

##### #3 - 01 Apr 2014 17:34 - Anna Maria Bigatti

- Target version set to CoCoALib-0.99533 Easter14

##### #4 - 04 Apr 2014 17:24 - John Abbott

- Status changed from Feedback to Closed
- % Done changed from 90 to 100

Osnabruck seem to be happy! Closing!

##### #5 - 17 Apr 2014 09:49 - Anna Maria Bigatti

- Estimated time set to 1.51 h