

CoCoALib - Support #944

Release: CoCoALib-0.99550 (together with CoCoA-5.2.0)

12 Oct 2016 15:04 - Anna Maria Bigatti

Status:	Closed	Start date:	08 Apr 2014
Priority:	High	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	100%
Category:	Tidying	Estimated time:	5.11 hours
Target version:	CoCoALib-0.99550 spring 2017	Spent time:	5.10 hours
Description			
Everything related to making a CoCoALib release:			
<ol style="list-style-type: none">1. Redmine Roadmap: close or postpone issue2. Redmine Release issues: check percentages, check timings3. Finalize4. make veryclean; make (full make, with all tests and examples and CoCoA-5..)5. tests: make valgrind6. CoCoA-5: make ManExamples7. create snapshot8. upload examples9. upload manual10. update webpage11. publish manual (arXiv? ResearchGate?)12. close release on Redmine			
--> send message to facebook page			
Related issues:			
Related to CoCoA-5 - Support #851: Release: CoCoA-5.2.0		Closed	01 Aug 2014
Related to CoCoALib - Feature #298: Valgrind: keep CoCoALib at 0 memory leaks		Closed	28 Jan 2013
Copied from CoCoALib - Support #754: Release: CoCoALib-0.99538 (together with...		Closed	08 Apr 2014
Copied to CoCoALib - Support #1056: Release: CoCoALib-0.99560 (together with ...		Closed	08 Apr 2014

History

#1 - 12 Oct 2016 15:04 - Anna Maria Bigatti

- Copied from Support #754: Release: CoCoALib-0.99538 (together with CoCoA-5.1.2) added

#2 - 12 Oct 2016 15:42 - John Abbott

Add also to check whether the CoCoA-5 tests pass with BackwardCompatible.cpkg5

#4 - 12 Oct 2016 16:05 - Anna Maria Bigatti

- Subject changed from Release: CoCoALib-0.99544 (together with CoCoA-5.1.4) to Release: CoCoALib-0.99544 (together with CoCoA-5.1.6)

#5 - 12 Oct 2016 16:06 - Anna Maria Bigatti

John Abbott wrote:

Add also to check whether the CoCoA-5 tests pass with BackwardCompatible.cpkg5

OK, moved it to #850

#6 - 12 Oct 2016 16:10 - Anna Maria Bigatti

- Status changed from Closed to In Progress

#7 - 12 Oct 2016 16:11 - Anna Maria Bigatti

- Target version set to CoCoALib-0.99550 spring 2017

#8 - 12 Oct 2016 16:12 - Anna Maria Bigatti

- Related to Support #851: Release: CoCoA-5.2.0 added

#10 - 12 Oct 2016 17:49 - Anna Maria Bigatti

First run of valgrind (I had to reinstall valgrind on my mac...)

```
--test-BigInt3
==87351== definitely lost: 16 bytes in 1 blocks
--test-bug5
==87397== definitely lost: 16 bytes in 1 blocks
--test-bug7
==87405== definitely lost: 20,496 bytes in 513 blocks
--test-DenseUPolyRing1
==87413== definitely lost: 16 bytes in 1 blocks
--test-IsInteger1
==87489== definitely lost: 880 bytes in 33 blocks
--test-MachineInt1
==87493== definitely lost: 16 bytes in 1 blocks
--test-NumTheory1
==87558== definitely lost: 16 bytes in 1 blocks
--test-OrderedDomain2
==87592== definitely lost: 1,128,528 bytes in 24,893 blocks
--test-RandomSource2
==87636== definitely lost: 16 bytes in 1 blocks
--test-RandomSource3
==87643== definitely lost: 16 bytes in 1 blocks
--test-RingElem2
==87663== definitely lost: 16 bytes in 1 blocks
--test-RingElem4
==87671== definitely lost: 16 bytes in 1 blocks
--test-RingElem5
==87695== definitely lost: 16 bytes in 1 blocks
--test-RingHom1
==87710== definitely lost: 16 bytes in 1 blocks
--test-RingTwinFloat4
==87743== definitely lost: 16 bytes in 1 blocks
--test-RingTwinFloat5
==87748== definitely lost: 16 bytes in 1 blocks
--test-RingZmodN1
==87760== definitely lost: 16 bytes in 1 blocks
--test-symbol1
==87799== definitely lost: 16 bytes in 1 blocks
--test-utils1
==87831== definitely lost: 16 bytes in 1 blocks
```

#11 - 12 Oct 2016 18:00 - Anna Maria Bigatti

- Related to Feature #298: Valgrind: keep CoCoALib at 0 memory leaks added

#12 - 12 Oct 2016 18:02 - Anna Maria Bigatti

Anna Maria Bigatti wrote:

```
First run of valgrind (I had to reinstall valgrind on my mac...)
[...]
```

The "16-byte leak" seems related to throwing/catching errors: is independent of the number of throws/catches and number of error values.

Now I investigate the others.

#13 - 12 Oct 2016 18:08 - John Abbott

I'll do test-OrderedRing2.... there is a leak in twinfloat.
I know where it is; now I just have to find a nice way of avoiding it.

#14 - 13 Oct 2016 11:31 - Anna Maria Bigatti

- % Done changed from 0 to 30

Thanks John! Now we have only the "16bytes"

```
--test-BigInt3
==90655==      definitely lost: 16 bytes in 1 blocks
--test-bug5
==90709==      definitely lost: 16 bytes in 1 blocks
--test-bug7
==90717==      definitely lost: 16 bytes in 1 blocks
--test-DenseUPolyRing1
==90725==      definitely lost: 16 bytes in 1 blocks
--test-IsInteger1
==90801==      definitely lost: 16 bytes in 1 blocks
--test-MachineInt1
==90805==      definitely lost: 16 bytes in 1 blocks
--test-NumTheory1
==90863==      definitely lost: 16 bytes in 1 blocks
--test-OrderedDomain2
==90899==      definitely lost: 16 bytes in 1 blocks
--test-RandomSource2
==90939==      definitely lost: 16 bytes in 1 blocks
--test-RandomSource3
==90945==      definitely lost: 16 bytes in 1 blocks
--test-RingElem2
==90967==      definitely lost: 16 bytes in 1 blocks
--test-RingElem4
==90975==      definitely lost: 16 bytes in 1 blocks
--test-RingElem5
==90982==      definitely lost: 16 bytes in 1 blocks
--test-RingHom1
==91016==      definitely lost: 16 bytes in 1 blocks
--test-RingTwinFloat4
==91044==      definitely lost: 16 bytes in 1 blocks
--test-RingTwinFloat5
==91048==      definitely lost: 16 bytes in 1 blocks
```

```
--test-RingZmodN1
==91060==      definitely lost: 16 bytes in 1 blocks
--test-symbol1
==91092==      definitely lost: 16 bytes in 1 blocks
--test-utils1
==91128==      definitely lost: 16 bytes in 1 blocks
```

#15 - 29 Mar 2017 11:28 - Anna Maria Bigatti

- *Subject changed from Release: CoCoALib-0.99544 (together with CoCoA-5.1.6) to Release: CoCoALib-0.99550 (together with CoCoA-5.1.6)*

#16 - 22 Apr 2017 23:03 - John Abbott

- % Done changed from 30 to 40

I am hoping this can be completed very soon (within a week?).

I have just run make valgrind in src/tests/ and all programs were clean :-)
[the reports for test-hilbert1 and test-GFan1 were slightly odd: "0 bytes leaked"]

ADDENDUM also make valgrind for the examples says all programs are clean :-)

Just remember that the corresponding CoCoA-5 version is 5.2.0 (not 5.1.6 as in the title!)

#17 - 28 Apr 2017 09:40 - Anna Maria Bigatti

- *Subject changed from Release: CoCoALib-0.99550 (together with CoCoA-5.1.6) to Release: CoCoALib-0.99550 (together with CoCoA-5.2.0)*

- *Description updated*

- % Done changed from 40 to 50

#18 - 28 Apr 2017 16:09 - Anna Maria Bigatti

- *Description updated*

#19 - 28 Apr 2017 16:12 - Anna Maria Bigatti

- *Description updated*

#20 - 28 Apr 2017 17:02 - Anna Maria Bigatti

- *Copied to Support #1056: Release: CoCoALib-0.99560 (together with CoCoA-5.2.2) added*

#21 - 04 May 2017 18:42 - Anna Maria Bigatti

uploaded release, manual and examples

#22 - 08 May 2017 08:34 - Anna Maria Bigatti

- % Done changed from 50 to 90

updated web page

#23 - 08 May 2017 11:48 - Anna Maria Bigatti

published manual on ResearchGate

#24 - 08 May 2017 11:54 - Anna Maria Bigatti

- *Status changed from In Progress to Closed*

- *% Done changed from 90 to 100*

- *Estimated time changed from 4.00 h to 5.11 h*