

CoCoALib - Support #1276

Release 0.99650

29 Apr 2019 21:03 - John Abbott

Status:	Closed	Start date:	29 Apr 2019
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:	Various	Estimated time:	0.00 hour
Target version:	CoCoALib-0.99650 November 2019	Spent time:	6.55 hours
Description			
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Everything related to making a CoCoALib release:			
<ul style="list-style-type: none">• Redmine Roadmap: close or postpone issue• Redmine Release issues: check percentages, check timings• Finalize• make veryclean; make (full make, with all tests and examples and CoCoA-5..)• cd src/tests/; make valgrind• cd src/CoCoA-5; make ManExamples• ~/shell-scripts/cocoalib-cvs-snapshot• upload examples• upload manual• update webpage• publish manual (arXiv? ResearchGate?)• close release on Redmine			
--> send message to cocoa-announcements			
--> send message to facebook page			
Related issues:			
Related to CoCoALib - Support #1338: Release CoCoALib-0.99700		Closed	15 Oct 2019
Related to CoCoALib - Support #1149: Release: CoCoALib-0.99600 (together wit...		Closed	17 Jan 2018 06 Aug 2018

History

#1 - 29 Apr 2019 21:05 - John Abbott

List of principal changes made: **19th november 2019**

- NO LONGER C++03 compatible! We are moving towards C++14 ([#891](#), ..)
 - Removed **ThreadsafeCounter** ([#1259](#))
- added new functions:
 - **RingElems(ring, string)** -- converts string into list of **RingElem** ([#1332](#))
 - constructor of **PPVector** from vector of **RingElem** ([#1347](#))
 - **primorial** -- [#1301](#)
 - **FixedDivisor** -- [#1297](#)
 - **HasPositiveGrading** -- [#1209](#)
- improved Primary Decomposition (zero-dim) slow cases -- [#1105](#)
- changed names **iroot** to **FloorRoot**, and **IsExactIroot** to **IsExactFloorRoot**
- added new syntax with string for **NewQuotientRing** [#1330](#) and **PolyAlgebraHom** [#1329](#) (related to **RingElems**)
- corrected bug in CoprimeFactorBasis (when an arg is negative; actually fixed in 0.99610)
- renamed files:
 - SparsePolyOps-IdealZeroDim --> SparsePolyOps-ideal-ZeroDim
 - SparsePolyOps-IdealOfPoints --> SparsePolyOps-ideal-points
 - SparsePolyOps-MonomialIdeal --> SparsePolyOps-ideal-monomial
- obsolescent:
 - **NewPolyRing(ring, long)** -- now user must choose the names for the indeterminates ([#1223](#))

Add to this list as we do things (or remember things we have already done)
see also https://cocoa.dima.unige.it/redmine/projects/cocoalib/issues?query_id=38

The changes are relative to 0.99600.

#2 - 15 Oct 2019 13:47 - Anna Maria Bigatti

- Subject changed from Release 0.99700 to Release 0.99650
- Status changed from New to In Progress
- Target version changed from CoCoALib-0.99700 to CoCoALib-0.99650 November 2019
- % Done changed from 0 to 10

#3 - 15 Oct 2019 13:51 - Anna Maria Bigatti

- Related to Support #1338: Release CoCoALib-0.99700 added

#4 - 15 Oct 2019 13:52 - Anna Maria Bigatti

- Related to Support #1149: Release: CoCoALib-0.99600 (together with CoCoA-5.2.4) added

#5 - 30 Oct 2019 11:08 - John Abbott

FWIW I have compiled CoCoALib on my old "netbook" which is 32-bit. All tests passed.

#6 - 31 Oct 2019 15:46 - Anna Maria Bigatti

- Description updated

#7 - 31 Oct 2019 16:24 - Anna Maria Bigatti

Valgrind OK

```
cd src/tests/; make valgrind
...
==10100==   definitely lost: 0 bytes in 0 blocks
```

#8 - 31 Oct 2019 18:34 - Anna Maria Bigatti

- % Done changed from 10 to 40

```
cd src/CoCoA-5; make ManExamples
```

done, just the expected errors

Valgrind done on linux too.

#9 - 19 Nov 2019 16:49 - Anna Maria Bigatti

- Status changed from In Progress to Closed
- % Done changed from 40 to 100