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:

- 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 Decompositon (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