

## CoCoA-5 - Support #1222

### Release CoCoA-5.3.0

28 Aug 2018 14:36 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	28 Aug 2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Anna Maria Bigatti	<b>% Done:</b>	100%
<b>Category:</b>	Release	<b>Estimated time:</b>	3.99 hours
<b>Target version:</b>	CoCoA-5.3.0	<b>Spent time:</b>	3.90 hours

#### Description

Everything for the release

#### CHECK FOR BUGS

```
Compile with --debug flag, and check that everything runs OK.  
In src/CoCoA-5/ run make ManExamples, and check that everything is OK.
```

Redmine Roadmap: close or postpone issue

```
Redmine Release issues: check percentages, check timings  
Last check to CoCoALib doc, CoCoA-5 doc and RelNotes, TranslationTable.  
Finalize
```

```
&lt;version number for CoCoALib release&gt; configuration/version  
&lt;version number for CoCoA-5 release&gt; CoCoA-5/release-files/version  
&lt;cvs checkout in snapshot dir&gt;
```

```
cd &lt;snapshotdir&gt;  
  configure --again  
  make  
  cd src/CoCoA-5  
  time make doc  
  time make ManExamples (~4min, and search "ERROR:" in ManExamples-out)
```

#### RELEASE FOR MAC FOR LINUX

```
cd src/CoCoA-5/release-files  
  ./release-mac.sh (local)  
  ./release-linux.sh (on virtual machine 64-bit and on 32-bit)
```

#### RELEASE COCOALIB

```
<~/shell-scripts/cocoalib-cvs-snapshot>  
  ---- make release for CoCoALib ----
```

#### RELEASE FOR WIN

```
copy cocoalib tgz on windows virtual machine  
  compile windows text version on virtual machine, copy CoCoAInterpreter from SharedFolder into  
  local dir  
  ./release-win.sh  
  (ask someone for windows gui version...)
```

## WEBSITE

```
update /Volumes/WWW/webcocoa/download/download5.shtml
  update /Volumes/WWW/webcocoa/download/RelNotes.shtml
  [ [http://cocoa.dima.unige.it/download/RelNotes.shtml] ]
```

```
upload manual
  publish manual (arXiv? ResearchGate?)
```

```
close release on Redmine
```

```
---> send message to facebook page
---> send email
---> update list with undelivered emails
```

### Related issues:

Related to CoCoA-5 - Feature #1231: system command	Closed	26 Oct 2018
Related to CoCoA-5 - Design #1348: cocoa5 script for releases	Closed	23 Oct 2019
Related to CoCoA-5 - Feature #1367: CoCoA-5.3.0: release linked with more rec...	Closed	24 Nov 2019
Related to CoCoA-5 - Feature #1373: GFan also for Microsoft?	In Progress	04 Dec 2019
Related to CoCoA-5 - Support #1387: John's visit Feb 2020	Closed	07 Jan 2020

## History

### #1 - 28 Aug 2018 14:37 - John Abbott

Summary of things to put into release notes:

- added new fn **RandomPermutation**
- **removed** old fn **NewRingFp** (**use NewZZmod instead!**) -- now OBSOLESCE
- **RandomSubset** now works also with just 1 arg (prev needed 2 args)
- added new fn **FixedDivisor** (just for univariates, currently)
- added new fns **IsEvenPoly** and **IsOddPoly**
- added **SystemCommand**
- added read input capability: **GetLine** and **StandardInput()**, also **OpenFile** and **OpenString**
- corrected bug in **RealRoots** (gave error when input was a monomial, *i.e.* a power of  $x$ )
- added new fn **IndetsProd** (for polys and list of polys)
- added new fn **assert** (just for use during development!)
- updated (old C4 package) **thmproving.cpkg5**
- function **len** no longer works for polys, matrices, and something else...

### #2 - 20 Sep 2019 16:10 - John Abbott

- Related to Feature #1231: system command added

### #3 - 09 Oct 2019 10:04 - John Abbott

- Description updated

**#4 - 09 Oct 2019 10:04 - John Abbott**

- Description updated

**#5 - 11 Oct 2019 22:14 - John Abbott**

- Subject changed from Release CoCoA-5.2.6 to Release CoCoA-5.3.0

I have revised the title since we changed the planned version number ;-)

**#6 - 23 Oct 2019 15:28 - Anna Maria Bigatti**

- Related to Design #1348: cocoa5 script for releases added

**#7 - 30 Oct 2019 11:20 - John Abbott**

I have compiled CoCoA-5 (current CVS) on my little 32-bit netbook (with readline but no other extlibs). Compilation was successful (but very slow); compiler is gcc-6.3.0.

All tests passed (took 5min+35sec) after I removed the 30-sec limit. The radical test is really too slow :-)

**#8 - 24 Nov 2019 12:56 - John Abbott**

- Related to Feature #1367: CoCoA-5.3.0: release linked with more recent version of normaliz added

**#9 - 04 Dec 2019 15:22 - John Abbott**

- Related to Feature #1373: GFan also for Microsoft? added

**#10 - 14 Feb 2020 13:51 - John Abbott**

- Related to Support #1387: John's visit Feb 2020 added

**#11 - 15 Feb 2020 10:36 - John Abbott**

- % Done changed from 0 to 60

**#12 - 09 Mar 2020 10:26 - Anna Maria Bigatti**

updated starting page: <https://cocoa.dima.unige.it/redmine/>

**#13 - 10 Mar 2020 15:12 - John Abbott**

- Status changed from New to In Progress

**#14 - 14 Mar 2020 12:08 - John Abbott**

There's a new version of GMP!! Released almost 2 months ago, but I didn't notice.... odd!

**#15 - 24 Mar 2020 22:37 - Anna Maria Bigatti**

- Status changed from In Progress to Feedback

- % Done changed from 60 to 90

release for windows done (maybe)

**#16 - 30 Apr 2020 14:43 - John Abbott**

Close because subsumed by issue [#1450?](#)

**#17 - 30 Apr 2020 15:12 - John Abbott**

- Status changed from Feedback to Closed

- Assignee set to Anna Maria Bigatti

- % Done changed from 90 to 100

- Estimated time set to 3.99 h

This has been subsumed by the impending release of 5.3.2 which contains two important bug fixes.

Closing this issue: refer to [#1450](#)