

CoCoALib - Issues

| # | Project | Parent task | Priority | Subject | Assignee | Updated | Category | % Done |
|------|----------|-------------|----------|---|--------------------|-------------------|-------------|--------|
| 1769 | CoCoALib | | Normal | FixedDivisor is sometimes surprisingly slow | John Abbott | 22 Dec 2023 20:57 | Improving | 100 |
| 1754 | CoCoALib | | Normal | IsSqFree poorly implemented | John Abbott | 23 Feb 2024 11:39 | Improving | 100 |
| 1739 | CoCoALib | | Normal | IsHomog for ideals | Anna Maria Bigatti | 01 Mar 2024 14:57 | Improving | 100 |
| 1569 | CoCoALib | | Normal | IsInRadical too slow (test-RadicalMembership) | | 01 Mar 2024 18:40 | Improving | 100 |
| 1557 | CoCoALib | | Normal | Reading list of rationals is too slow | John Abbott | 10 Mar 2023 18:23 | Improving | 100 |
| 1517 | CoCoALib | | Low | RandomLinearForm | John Abbott | 04 Feb 2022 21:31 | Improving | 100 |
| 1375 | CoCoALib | | Normal | Radical 0-dim: varied timings | John Abbott | 04 Feb 2022 21:20 | Improving | 100 |
| 1302 | CoCoALib | | Normal | Factorization mod p | John Abbott | 10 Oct 2019 19:12 | Improving | 100 |
| 1238 | CoCoALib | | Urgent | ReadExpr is too slow on long lists of monomial with many indets: ---> use RingElems instead | Anna Maria Bigatti | 12 Feb 2020 09:44 | Improving | 100 |
| 1181 | CoCoALib | | Normal | CpuTime is costly! | John Abbott | 31 Jul 2018 14:25 | Improving | 100 |
| 1165 | CoCoALib | | Normal | MinPoly over QQ: verification may be very slow | Anna Maria Bigatti | 03 Aug 2018 17:37 | Improving | 100 |
| 1136 | CoCoALib | | Low | IsInRadical: sometimes a bit slow | John Abbott | 09 Dec 2019 13:34 | Improving | 100 |
| 1110 | CoCoALib | | Normal | Determinant of matrix over QQ (whose entries are actually integers) | John Abbott | 03 Aug 2018 15:56 | Improving | 100 |
| 1105 | CoCoALib | | Normal | Primary Decompositon (zero-dim) slow cases | Anna Maria Bigatti | 10 Oct 2019 19:20 | Improving | 100 |
| 1042 | CoCoALib | | Low | LF curiously slow (breaking a poly into homog pieces) | John Abbott | 06 Nov 2017 15:17 | Improving | 100 |
| 1009 | CoCoALib | | Normal | coefficients for MinPoly e Frobenius | Anna Maria Bigatti | 03 Aug 2018 17:16 | Improving | 100 |
| 969 | CoCoALib | | Normal | Output to bad stream (operator<< and myOutput): just return immediately | John Abbott | 11 Feb 2020 18:07 | Improving | 100 |
| 952 | CoCoALib | | Normal | GCD very slow | John Abbott | 30 Oct 2019 22:39 | Improving | 100 |
| 897 | CoCoALib | | Normal | SimplestBigRatBetween: why is it so slow? | John Abbott | 16 Sep 2021 13:47 | Improving | 100 |
| 881 | CoCoALib | | Normal | ReadExpr is too slow on large polys | John Abbott | 08 Nov 2017 15:59 | Improving | 100 |
| 773 | CoCoALib | | Normal | DMPZmerge: make non-recursive | John Abbott | 23 Mar 2016 15:00 | Improving | 100 |
| 722 | CoCoALib | | Low | valuation slow for large inputs | John Abbott | 07 Oct 2020 22:11 | Improving | 100 |
| 691 | CoCoALib | | Normal | Matrix determinant over ZZ | John Abbott | 10 Oct 2019 18:46 | Improving | 100 |
| 701 | CoCoALib | | Low | Makefile; limit dependencies on external libs | | 14 Oct 2022 16:51 | Makefile | 100 |
| 1646 | CoCoALib | | Normal | radical: could be more clever | John Abbott | 24 Jan 2022 09:07 | Maths Bugs | 100 |
| 792 | CoCoALib | | Normal | configure: search for libgmp too slow | John Abbott | 09 Jan 2020 22:02 | Portability | 100 |
| 679 | CoCoALib | | High | power for PPs is too slow | John Abbott | 29 Jun 2015 13:03 | Safety | 100 |
| 1680 | CoCoALib | | Normal | FloorLog2 or SizeInBase? | John Abbott | 08 Aug 2022 20:16 | Tidying | 100 |
| 1170 | CoCoALib | | Normal | SmoothFactor: slow when a factor is found | John Abbott | 29 Oct 2020 21:51 | Tidying | 100 |
| 479 | CoCoALib | | Low | make check in examples/ directory is far too slow | John Abbott | 17 Apr 2014 09:51 | Various | 100 |

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| 417 | CoCoALib | | Normal | ex-Normaliz2-overflow.in too long & too much memory | Christof Soeger | 03 Apr 2014 17:30 | Various | 100 |
| 81 | CoCoALib | | Normal | DMPI vs DMPII is slower than expected | John Abbott | 01 Feb 2012 11:35 | Various | 100 |