

CoCoALib - Issues

| # | Project | Parent task | Priority | Subject | Assignee | Updated | Category | % Done |
|------|----------|-------------|----------|---|--------------------|-------------------|-----------------|--------|
| 1661 | CoCoALib | | Normal | Microsoft: cannot compile with signal handling | Nico Mexis | 11 Apr 2024 10:10 | Portability | 100 |
| 1753 | CoCoALib | | Normal | Clean up EulerTotient, InvTotient jungle in NumTheory-misc | John Abbott | 29 Mar 2024 08:25 | Tidying | 100 |
| 1206 | CoCoALib | | Normal | syz, SyzOfGens: which shifts for zero? | Anna Maria Bigatti | 28 Mar 2024 10:15 | Maths Bugs | 100 |
| 1647 | CoCoALib | | Normal | Suppress zero from ideal generators? Detect 1 and simplify generators? | Anna Maria Bigatti | 25 Mar 2024 19:02 | Data Structures | 100 |
| 1726 | CoCoALib | | Normal | Dangling references to temporaries | John Abbott | 25 Mar 2024 18:05 | Portability | 100 |
| 1649 | CoCoALib | | Normal | Add file SparsePolyOps-vector.C | Anna Maria Bigatti | 25 Mar 2024 17:49 | Tidying | 100 |
| 1212 | CoCoALib | | Normal | New function: GBasisByHomog | Anna Maria Bigatti | 22 Mar 2024 14:32 | New Function | 100 |
| 1619 | CoCoALib | | Normal | Make saturate available in CoCoALib | Anna Maria Bigatti | 22 Mar 2024 10:14 | New Function | 100 |
| 1780 | CoCoALib | | Normal | radical for ideals in SparsePolyRing: code in C++ | Anna Maria Bigatti | 22 Mar 2024 09:13 | New Function | 100 |
| 1749 | CoCoALib | | High | Configuration hiccups on Mac M1 | John Abbott | 21 Mar 2024 20:31 | Portability | 100 |
| 1085 | CoCoALib | | High | Fns with "OUT" args: should they give ERR::MixedRings? | John Abbott | 21 Mar 2024 20:29 | Safety | 100 |
| 1606 | CoCoALib | | Normal | Return type with const | John Abbott | 21 Mar 2024 20:24 | Improving | 100 |
| 1641 | CoCoALib | | High | gcd does not recognize univariate input | John Abbott | 21 Mar 2024 20:18 | Improving | 100 |
| 1790 | CoCoALib | | High | saturate with zero ideals | John Abbott | 21 Mar 2024 17:56 | Maths Bugs | 100 |
| 1788 | CoCoALib | | Normal | New MatrixView/function "FirstRows/FirstCols"? | Anna Maria Bigatti | 20 Mar 2024 15:53 | New Function | 100 |
| 202 | CoCoALib | | Normal | MatrixView/function for viewing a single row or column (RowMat, ColMat) | John Abbott | 20 Mar 2024 14:09 | Data Structures | 100 |
| 1789 | CoCoALib | | Urgent | GradingMat with negative weights should complain (or deal with them properly!!) | Anna Maria Bigatti | 18 Mar 2024 16:15 | Improving | 100 |
| 1326 | CoCoALib | | Normal | Modify function myElim so that it returns ideal? (not quite) | Anna Maria Bigatti | 18 Mar 2024 16:03 | Tidying | 100 |
| 1511 | CoCoALib | | Normal | Use C++14 constexpr | John Abbott | 16 Mar 2024 21:55 | Improving | 100 |
| 1770 | CoCoALib | | Normal | Evaluate polynomial function/class | John Abbott | 16 Mar 2024 21:52 | New Function | 100 |
| 1791 | CoCoALib | | Urgent | Fix Google-search link in the html documentation | Anna Maria Bigatti | 14 Mar 2024 09:24 | Documentation | 100 |
| 1761 | CoCoALib | | Normal | MakeTermOrdMat: improve error mesg | John Abbott | 13 Mar 2024 21:16 | Improving | 100 |
| 111 | CoCoALib | | Normal | Mod fn for computing remainder | John Abbott | 13 Mar 2024 21:01 | Documentation | 100 |
| 379 | CoCoALib | | Normal | Iter for subsets/tuples | John Abbott | 13 Mar 2024 18:25 | Data Structures | 100 |
| 64 | CoCoALib | | Normal | submat takes only vector<long> | John Abbott | 08 Mar 2024 17:17 | Improving | 100 |
| 1735 | CoCoALib | | Normal | PushFront/PushBack without checks? | John Abbott | 08 Mar 2024 14:38 | Improving | 100 |
| 908 | CoCoALib | | High | Sum of ideals: what are the generators of $(x) + (0)$? | Anna Maria Bigatti | 08 Mar 2024 14:34 | Improving | 100 |
| 1166 | CoCoALib | | Normal | C++11: allows large integer literals (in NumTheory-prime.C) | John Abbott | 07 Mar 2024 20:49 | Portability | 100 |
| 1569 | CoCoALib | | Normal | IsInRadical too slow (test-RadicalMembership) | | 01 Mar 2024 18:40 | Improving | 100 |
| 1739 | CoCoALib | | Normal | IsHomog for ideals | Anna Maria Bigatti | 01 Mar 2024 14:57 | Improving | 100 |

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| 1579 | CoCoALib | | Low | Readexpr/RingElem: unhelpful error message when input is wrong | John Abbott | 23 Feb 2024 12:39 | Improving | 100 |
| 1779 | CoCoALib | | Normal | Radical error with lex (again) | Anna Maria Bigatti | 23 Feb 2024 12:28 | Various | 100 |
| 1754 | CoCoALib | | Normal | IsSqFree poorly implemented | John Abbott | 23 Feb 2024 11:39 | Improving | 100 |
| 1265 | CoCoALib | | High | Unregistered TXT files in doc | John Abbott | 23 Feb 2024 11:34 | Documentation | 100 |
| 1763 | CoCoALib | | Normal | implement ideal(R) for zero ideal, with no generators? | Anna Maria Bigatti | 16 Feb 2024 18:01 | New Function | 100 |
| 645 | CoCoALib | | Normal | Automatic mapping of RingElem: user selectable at run-time (GlobalManager?) | John Abbott | 16 Feb 2024 17:41 | Safety | 100 |
| 1689 | CoCoALib | | Normal | Automatic mapping of RHS in += etc | John Abbott | 16 Feb 2024 17:35 | Tidying | 100 |
| 1361 | CoCoALib | | Low | Compilation fails when compiling with libgsl | Florian Walsh | 03 Feb 2024 19:56 | Portability | 100 |
| 1768 | CoCoALib | | Normal | Limit indentation in verbose mesgs? | John Abbott | 22 Jan 2024 10:36 | Improving | 100 |
| 1771 | CoCoALib | | Normal | Hadamard bound: field names | John Abbott | 22 Dec 2023 21:31 | Renaming | 100 |
| 1773 | CoCoALib | | Normal | CyclotomicFactorIndexes: gave wrong answer | John Abbott | 22 Dec 2023 21:30 | Maths Bugs | 100 |
| 1758 | CoCoALib | | Normal | Graeffe "sign bug" | John Abbott | 22 Dec 2023 20:59 | Maths Bugs | 100 |
| 1769 | CoCoALib | | Normal | FixedDivisor is sometimes surprisingly slow | John Abbott | 22 Dec 2023 20:57 | Improving | 100 |
| 1755 | CoCoALib | | High | CheckForInterrupt: give more info? | John Abbott | 22 Dec 2023 20:56 | Improving | 100 |
| 1721 | CoCoALib | | Normal | Verbose messages: print level? | Anna Maria Bigatti | 12 Apr 2023 14:56 | Improving | 100 |
| 1729 | CoCoALib | | Urgent | Bug HilbertPoly of zero-dimensional ideals | Anna Maria Bigatti | 12 Apr 2023 14:45 | Maths Bugs | 100 |
| 1488 | CoCoALib | | High | BuiltIn Interreduce-Function | John Abbott | 15 Mar 2023 08:40 | New Function | 100 |
| 855 | CoCoALib | | High | Copyright and authorship? | John Abbott | 15 Mar 2023 08:06 | Portability | 100 |
| 1716 | CoCoALib | | Normal | Qn: factor for BigInt | John Abbott | 14 Mar 2023 21:32 | Improving | 100 |
| 253 | CoCoALib | | Normal | W.Brun's wish list | John Abbott | 14 Mar 2023 20:09 | Various | 100 |
| 256 | CoCoALib | | Normal | Improve doc about ordering/grading for poly rings | Anna Maria Bigatti | 14 Mar 2023 19:52 | Documentation | 100 |
| 950 | CoCoALib | | Normal | factor and SmoothFactor for integers --> FactorINT, FactorINT_TrialDiv, FactorINT_PollardRho | John Abbott | 13 Mar 2023 22:02 | Safety | 100 |
| 1712 | CoCoALib | | Normal | Windows: New configuration script | John Abbott | 13 Mar 2023 21:50 | Portability | 100 |
| 1557 | CoCoALib | | Normal | Reading list of rationals is too slow | John Abbott | 10 Mar 2023 18:23 | Improving | 100 |
| 800 | CoCoALib | | Urgent | PPMonoidSparse: impl of sparse PPs | John Abbott | 09 Mar 2023 22:15 | New Function | 100 |
| 536 | CoCoALib | | Normal | Make RingBase::myCharacteristic a fn rather than a proc | John Abbott | 09 Mar 2023 21:58 | Tidying | 100 |
| 1522 | CoCoALib | | High | SEGV: avoid long linked lists of loaves in MemPools | John Abbott | 09 Mar 2023 21:50 | Safety | 100 |
| 1694 | CoCoALib | | Normal | New expv/exponents function? | John Abbott | 09 Mar 2023 21:48 | New Function | 100 |
| 1725 | CoCoALib | | High | resultant: gives wrong answer when should be 0 | John Abbott | 09 Mar 2023 20:49 | Maths Bugs | 100 |
| 1360 | CoCoALib | | Normal | configure script: add flags for "only cocoalib" or "both cocoalib and cocoa5" (for boost) | John Abbott | 07 Mar 2023 21:00 | Makefile | 100 |

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| 1710 | CoCoALib | | Urgent | IsSqFree, IsIrred bugs in ZZ[x] and QQ[x] | John Abbott | 07 Mar 2023 20:55 | Maths Bugs | 100 |
| 1723 | CoCoALib | | Normal | New fn CoprimePart, OddPart: naming question | John Abbott | 07 Mar 2023 20:27 | New Function | 100 |
| 1690 | CoCoALib | | High | resultant gives wrong answer if an arg has deg 0 | John Abbott | 18 Jan 2023 18:33 | Maths Bugs | 100 |
| 613 | CoCoALib | | Normal | Which ubuntu / debian packages are needed to compile CoCoA | John Abbott | 30 Nov 2022 22:02 | Portability | 100 |
| 1676 | CoCoALib | | Normal | txt2tags: include in source distribution? | John Abbott | 04 Nov 2022 14:31 | Documentation | 100 |
| 701 | CoCoALib | | Low | Makefile; limit dependencies on external libs | | 14 Oct 2022 16:51 | Makefile | 100 |
| 1693 | CoCoALib | | Normal | SizeInBase: obsolete | John Abbott | 07 Oct 2022 15:25 | Tidying | 100 |
| 82 | CoCoALib | | Normal | C++11 compatibility questions | John Abbott | 26 Sep 2022 20:34 | Portability | 100 |
| 1210 | CoCoALib | | Normal | New Fn: make public "coefficients" (of poly wrt a given PP basis) | John Abbott | 08 Aug 2022 20:41 | New Function | 100 |
| 1680 | CoCoALib | | Normal | FloorLog2 or SizeInBase? | John Abbott | 08 Aug 2022 20:16 | Tidying | 100 |
| 1684 | CoCoALib | | Normal | RandomNBitPrime - new fn | John Abbott | 08 Aug 2022 20:08 | New Function | 100 |
| 1466 | CoCoALib | | Normal | Ops += *= etc for Matrices? | John Abbott | 08 Aug 2022 20:01 | Improving | 100 |