

CoCoALib - Issues

| # | Project | Parent task | Priority | Subject | Assignee | Updated | Category | % Done |
|------|----------|-------------|-----------|---|----------|-------------------|----------|--------|
| 1702 | CoCoALib | | Low | Use C++ attributes | | 22 Apr 2024 21:26 | Tidying | 10 |
| 1242 | CoCoALib | | Normal | C++14: Use type auto where appropriate | | 22 Apr 2024 21:08 | Tidying | 40 |
| 1666 | CoCoALib | | Normal | MachineInt: chase through ULL changes | | 16 Apr 2024 22:40 | Tidying | 10 |
| 1800 | CoCoALib | | Normal | Conversion from SmallPrime to UNSIGNED long? | | 15 Apr 2024 10:09 | Tidying | 10 |
| 1801 | CoCoALib | | Normal | BuildInfo | | 13 Apr 2024 22:18 | Tidying | 10 |
| 582 | CoCoALib | | Normal | Error codes: use same code for "not poly ring" and "not elem poly ring" | | 26 Mar 2024 14:36 | Tidying | 30 |
| 1799 | CoCoALib | | Normal | Clean out OLD CODE? | | 24 Mar 2024 10:52 | Tidying | 0 |
| 866 | CoCoALib | | Normal | implicit, ImplicitHypersurface: improve output verification | | 22 Mar 2024 09:43 | Tidying | 20 |
| 1792 | CoCoALib | | Normal | CpuTimeOut: arg of type ErrorContext? | | 18 Mar 2024 20:50 | Tidying | 0 |
| 1428 | CoCoALib | | Normal | DenseMatrix: use template impl for ctors from vec-vec? | | 07 Mar 2024 20:49 | Tidying | 0 |
| 1464 | CoCoALib | | Normal | What is the difference between InterruptReceived and InterruptedBySignal | | 01 Mar 2024 09:54 | Tidying | 0 |
| 1355 | CoCoALib | | Normal | TmpLDP uses srand and time | | 01 Mar 2024 09:50 | Tidying | 0 |
| 1783 | CoCoALib | | Normal | Code & doc structure: one-big-file or many-small-files? | | 24 Feb 2024 18:34 | Tidying | 10 |
| 1465 | CoCoALib | | Normal | mul(MAT,MAT,MAT) | | 16 Feb 2024 10:04 | Tidying | 10 |
| 1677 | CoCoALib | | Normal | release-source script: use shell globbing? | | 16 Feb 2024 10:01 | Tidying | 10 |
| 1213 | CoCoALib | | Normal | Create PolyOps-RingElem? | | 16 Feb 2024 09:48 | Tidying | 0 |
| 305 | CoCoALib | | Normal | FreeModule: unique copy? | | 10 Dec 2023 20:43 | Tidying | 10 |
| 1736 | CoCoALib | | Normal | Clean TmpGOperations, and remove Tmp prefix | | 28 Apr 2023 16:01 | Tidying | 0 |
| 1727 | CoCoALib | | Normal | Cruft in ExtLibs-Normaliz.C | | 13 Mar 2023 19:01 | Tidying | 0 |
| 1628 | CoCoALib | | Normal | Unused variables, params, data members | | 11 Mar 2023 12:29 | Tidying | 10 |
| 601 | CoCoALib | | Normal | LongRange: in which file should it be declared/defined? | | 08 Mar 2023 20:45 | Tidying | 10 |
| 1562 | CoCoALib | | Normal | matrix.H and MatrixView.H | | 08 Mar 2023 19:56 | Tidying | 0 |
| 1669 | CoCoALib | | Normal | Review File subtree hierarchy | | 08 Mar 2023 19:56 | Tidying | 0 |
| 1491 | CoCoALib | | Normal | Unified Gaussian reduction impl | | 08 Mar 2023 19:55 | Tidying | 0 |
| 1609 | CoCoALib | | Low | Clean time.C | | 08 Mar 2023 19:54 | Tidying | 0 |
| 1147 | CoCoALib | | Normal | mySquare and myPowerSmallExp | | 30 Apr 2019 17:18 | Tidying | 0 |
| 572 | CoCoALib | | Normal | Split SparsePolyRing.H into two files? Problem with circular includes. | | 17 May 2018 16:36 | Tidying | 0 |
| 1098 | CoCoALib | | Normal | Ctors for exceptions/errors | | 06 Sep 2017 15:27 | Tidying | 0 |
| 841 | CoCoALib | | Normal | NewPolyRing: tidy up the many different versions | | 01 Sep 2017 11:30 | Tidying | 10 |
| 1014 | CoCoALib | | Low | RowMat, ColMat with arg an empty list/vector | | 24 Feb 2017 17:54 | Tidying | 10 |
| 827 | CoCoALib | | Immediate | NewPositiveMat also for matrices over QQ? Also NewIntegerOrdMat. (now called MakeTermOrd) | | 20 Jan 2017 14:26 | Tidying | 100 |

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| 154 | CoCoALib | | Normal | GCD normalization (e.g. monic) | | 24 Nov 2016 13:56 | Tidying | 20 |
| 778 | CoCoALib | | Normal | CRTMill::myAddInfo accept modulus 1 or not? | | 21 Mar 2016 15:16 | Tidying | 0 |
| 685 | CoCoALib | | High | Use DivMask inside QBGenerator | | 02 Feb 2016 14:16 | Tidying | 0 |
| 833 | CoCoALib | | Low | UIBC: need include file in RingWeyl.C | | 08 Dec 2015 15:06 | Tidying | 0 |
| 808 | CoCoALib | | Normal | Alg Extn by non-zero dim ideal | | 18 Nov 2015 23:29 | Tidying | 0 |
| 675 | CoCoALib | | Normal | Matrix determinant over multivariate poly ring | | 22 May 2015 13:45 | Tidying | 10 |
| 695 | CoCoALib | | Normal | Remove cruft from test files | | 08 May 2015 11:37 | Tidying | 0 |
| 437 | CoCoALib | | Normal | MemPool: order free blocks? | | 13 Apr 2015 23:31 | Tidying | 10 |
| 640 | CoCoALib | | Normal | What is test-Dynamic1.C | | 29 Oct 2014 11:30 | Tidying | 0 |
| 263 | CoCoALib | | High | Move the various <matrix>::mySetEntry procedures into MatrixBase | | 01 Aug 2014 16:29 | Tidying | 0 |
| 114 | CoCoALib | | Normal | Ideals of polynomials | | 10 Jul 2014 14:26 | Tidying | 10 |
| 516 | CoCoALib | | Normal | Make squarefreefactor work in multiple polynomial extns | | 10 Jul 2014 14:21 | Tidying | 0 |
| 537 | CoCoALib | | Low | FloatStr uses too much memory | | 16 Apr 2014 12:01 | Tidying | 0 |
| 272 | CoCoALib | | Normal | Forward declarations | | 07 Apr 2014 18:14 | Tidying | 0 |
| 1720 | CoCoALib | | Normal | DivAlg in CoCoALib | Anna Maria Bigatti | 25 Mar 2024 17:55 | Tidying | 20 |
| 1649 | CoCoALib | | Normal | Add file SparsePolyOps-vector.C | Anna Maria Bigatti | 25 Mar 2024 17:49 | Tidying | 100 |
| 1179 | CoCoALib | | Normal | Clean up SparsePolyOps-MonomialIdeals | Anna Maria Bigatti | 22 Mar 2024 09:33 | Tidying | 20 |
| 1326 | CoCoALib | | Normal | Modify function myElim so that it returns ideal? (not quite) | Anna Maria Bigatti | 18 Mar 2024 16:03 | Tidying | 100 |
| 1704 | CoCoALib | | Normal | Symlink directory for external files needed by CoCoA-5 | Anna Maria Bigatti | 18 Mar 2024 09:29 | Tidying | 0 |
| 849 | CoCoALib | | Normal | Cleanup MinPoly code | Anna Maria Bigatti | 08 Mar 2024 18:15 | Tidying | 10 |
| 1782 | CoCoALib | | Normal | Make CoCoALib test file for radical | Anna Maria Bigatti | 01 Mar 2024 09:44 | Tidying | 0 |
| 944 | CoCoALib | | High | Release: CoCoALib-0.99550 (together with CoCoA-5.2.0) | Anna Maria Bigatti | 08 May 2017 11:54 | Tidying | 100 |
| 822 | CoCoALib | | High | Should ElimMat return a ConstMatrix | Anna Maria Bigatti | 28 Apr 2017 15:16 | Tidying | 100 |
| 819 | CoCoALib | | Normal | GradingMat: does anyone need it? | Anna Maria Bigatti | 24 Mar 2016 11:58 | Tidying | 100 |
| 834 | CoCoALib | | Normal | Fix test failures (after revising MatrixForOrdering) | Anna Maria Bigatti | 24 Mar 2016 11:42 | Tidying | 100 |
| 831 | CoCoALib | | Normal | primary.cocoa5 | Anna Maria Bigatti | 22 Mar 2016 17:42 | Tidying | 100 |
| 809 | CoCoALib | | Normal | FastCmp for degree -- useful? | Anna Maria Bigatti | 27 Nov 2015 16:06 | Tidying | 0 |
| 791 | CoCoALib | | Normal | Clean code for DistrMPolyClean | Anna Maria Bigatti | 02 Nov 2015 22:13 | Tidying | 0 |
| 621 | CoCoALib | | High | Release: CoCoALib-0.99536 | Anna Maria Bigatti | 08 Oct 2015 14:48 | Tidying | 100 |
| 754 | CoCoALib | | High | Release: CoCoALib-0.99538 (together with CoCoA-5.1.2) | Anna Maria Bigatti | 08 Oct 2015 14:47 | Tidying | 100 |
| 641 | CoCoALib | | Normal | Clean test-FreeModule1 | Anna Maria Bigatti | 26 Jun 2015 16:58 | Tidying | 100 |
| 604 | CoCoALib | | Normal | Release: CoCoALib-0.99535 | Anna Maria Bigatti | 11 May 2015 14:07 | Tidying | 50 |
| 686 | CoCoALib | | Normal | myAddMul in poly rings | Anna Maria Bigatti | 20 Apr 2015 13:22 | Tidying | 20 |

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| 599 | CoCoALib | | Normal | Release: CoCoALib-0.99534 | Anna Maria Bigatti | 11 Sep 2014 16:37 | Tidying | 100 |
| 528 | CoCoALib | | Normal | Release: CoCoALib-0.99533 | Anna Maria Bigatti | 30 Jul 2014 10:56 | Tidying | 100 |
| 87 | CoCoALib | | Normal | Cleanup header for ring classes (so that they are e-diff-able) | Anna Maria Bigatti | 10 Jul 2014 16:26 | Tidying | 10 |
| 316 | CoCoALib | | Normal | submodule constructor different from ideal | Anna Maria Bigatti | 10 Jul 2014 16:21 | Tidying | 0 |
| 1787 | CoCoALib | | Normal | Iterator design: compatible with C++STL? Advancing beyond end? | John Abbott | 23 Apr 2024 22:26 | Tidying | 30 |
| 1106 | CoCoALib | | Normal | Remove READLINE from CoCoALib | John Abbott | 22 Apr 2024 20:24 | Tidying | 100 |
| 1218 | CoCoALib | | Normal | 32-bit or 64-bit preprocessor macro? | John Abbott | 22 Apr 2024 20:21 | Tidying | 100 |
| 1811 | CoCoALib | | Normal | Check include guards | John Abbott | 22 Apr 2024 20:15 | Tidying | 90 |
| 1753 | CoCoALib | | Normal | Clean up EulerTotient, InvTotient jungle in NumTheory-misc | John Abbott | 29 Mar 2024 08:25 | Tidying | 100 |
| 1689 | CoCoALib | | Normal | Automatic mapping of RHS in += etc | John Abbott | 16 Feb 2024 17:35 | Tidying | 100 |
| 385 | CoCoALib | | Urgent | Design new errors using inheritance | John Abbott | 09 Feb 2024 10:25 | Tidying | 40 |
| 1125 | CoCoALib | | Normal | Separate install script for CoCoALib? | John Abbott | 23 Jan 2024 21:54 | Tidying | 0 |
| 536 | CoCoALib | | Normal | Make RingBase::myCharacteristic a fn rather than a proc | John Abbott | 09 Mar 2023 21:58 | Tidying | 100 |
| 680 | CoCoALib | | Normal | DistrMPolyClean does not use MemPool for summands? | John Abbott | 07 Mar 2023 20:49 | Tidying | 70 |
| 1263 | CoCoALib | | Normal | Tidy CoCoALib test directory | John Abbott | 07 Mar 2023 20:49 | Tidying | 80 |
| 1693 | CoCoALib | | Normal | SizeInBase: obsolete | John Abbott | 07 Oct 2022 15:25 | Tidying | 100 |
| 1680 | CoCoALib | | Normal | FloorLog2 or SizeInBase? | John Abbott | 08 Aug 2022 20:16 | Tidying | 100 |
| 1528 | CoCoALib | | Normal | MacOS compilation with clang | John Abbott | 23 Feb 2022 11:38 | Tidying | 100 |
| 1617 | CoCoALib | | Normal | UnivariateIndetIndex: exact semantics | John Abbott | 12 Nov 2021 11:44 | Tidying | 100 |
| 1608 | CoCoALib | | Normal | Domain of definition of NextPrime (and PrevPrime) | John Abbott | 20 Oct 2021 22:09 | Tidying | 100 |
| 1605 | CoCoALib | | Normal | binomial: domain of defn? | John Abbott | 14 Sep 2021 12:01 | Tidying | 100 |
| 1170 | CoCoALib | | Normal | SmoothFactor: slow when a factor is found | John Abbott | 29 Oct 2020 21:51 | Tidying | 100 |
| 1279 | CoCoALib | | Normal | Tidy up code for matrix determinant | John Abbott | 29 Oct 2020 21:48 | Tidying | 100 |
| 1463 | CoCoALib | | Low | SmoothFactor: use FactorMultiplicity | John Abbott | 29 Oct 2020 21:44 | Tidying | 100 |
| 1196 | CoCoALib | | Normal | Split MatrixOps | John Abbott | 29 Oct 2020 21:42 | Tidying | 100 |
| 1515 | CoCoALib | | Normal | Indets in coeffring are ringelems in coeffring? | John Abbott | 27 Oct 2020 18:01 | Tidying | 100 |
| 1264 | CoCoALib | | Urgent | Remove unnecessary files before making CoCoALib release TGZ files | John Abbott | 12 Mar 2020 22:28 | Tidying | 100 |
| 1184 | CoCoALib | | Normal | should BeginIter(RingElem) be in SparsePolyIter or in SparsePolyOps-RingElem? | John Abbott | 12 Feb 2020 18:17 | Tidying | 100 |
| 1362 | CoCoALib | | Normal | GBasis verbose mode: some output is on cerr/clog | John Abbott | 12 Feb 2020 18:14 | Tidying | 100 |
| 1161 | CoCoALib | | Normal | Split NumTheory.C into several smaller files | John Abbott | 12 Feb 2020 16:11 | Tidying | 100 |
| 1366 | CoCoALib | | Normal | Should configure remove the file ERR_MESSAGES if it's empty? | John Abbott | 12 Feb 2020 15:57 | Tidying | 100 |
| 982 | CoCoALib | | Normal | Catching interrupts in example progs? | John Abbott | 09 Jan 2020 22:29 | Tidying | 100 |

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| 1259 | CoCoALib | | Normal | ThreadsafeCounter is now obsolete? | John Abbott | 14 Oct 2019 15:15 | Tidying | 100 |
| 1160 | CoCoALib | | Normal | Clean up revised RatReconstructByContFrac code | John Abbott | 26 Feb 2019 16:33 | Tidying | 0 |
| 825 | CoCoALib | | Normal | IsPositiveGrading -- really need 2 signatures? | John Abbott | 03 Aug 2018 17:01 | Tidying | 100 |
| 1182 | CoCoALib | | Normal | "mod" for BigInt | John Abbott | 03 Aug 2018 16:27 | Tidying | 100 |
| 693 | CoCoALib | | Normal | Makefile_dependencies in src/tests/ | John Abbott | 15 Dec 2017 17:21 | Tidying | 100 |
| 1135 | CoCoALib | | Normal | Compiler with --debug configuration option gives errors | John Abbott | 15 Dec 2017 15:16 | Tidying | 100 |
| 829 | CoCoALib | | High | PPOrderingCtor: name of mem fn which actually constructs? | John Abbott | 10 Nov 2017 15:09 | Tidying | 100 |
| 574 | CoCoALib | | Normal | Tidy CoCoA root directory | John Abbott | 08 Nov 2017 18:31 | Tidying | 100 |
| 593 | CoCoALib | | High | Temporary directories used during configuration | John Abbott | 08 Nov 2017 18:16 | Tidying | 100 |
| 759 | CoCoALib | | Normal | Configuration: where to keep source for test compilations? | John Abbott | 08 Nov 2017 18:13 | Tidying | 100 |
| 983 | CoCoALib | | Normal | Which ostream for verbose/obsolescent log mesgs? | John Abbott | 28 Apr 2017 09:35 | Tidying | 100 |
| 864 | CoCoALib | | Normal | Assignment of rings (esp. derived rings such as PolyRing) | John Abbott | 28 Apr 2017 09:34 | Tidying | 100 |
| 694 | CoCoALib | | Normal | In test files: when is assert.H needed? | John Abbott | 28 Apr 2017 09:32 | Tidying | 100 |
| 790 | CoCoALib | | Normal | RingDistrMPolyInFpPPIImpl::mySummandPool frees ZERO PTR many times | John Abbott | 28 Apr 2017 09:32 | Tidying | 100 |
| 815 | CoCoALib | | Normal | GlobalManager: Imminent disaster should be a proper error | John Abbott | 28 Apr 2017 09:32 | Tidying | 100 |
| 592 | CoCoALib | | Urgent | Review design of ConstMatrixView | John Abbott | 29 Sep 2016 16:03 | Tidying | 100 |
| 859 | CoCoALib | | Normal | Twin-float: comparisons and equality test | John Abbott | 25 Jun 2016 14:11 | Tidying | 100 |
| 820 | CoCoALib | | High | NewMatMinimize, NewMatCompleteOrd - a godforsaken mess! | John Abbott | 24 Mar 2016 18:09 | Tidying | 100 |
| 821 | CoCoALib | | Normal | IsTermOrdering | John Abbott | 24 Mar 2016 12:02 | Tidying | 100 |
| 830 | CoCoALib | | Normal | Use MachineInt instead of long for params to ZeroMat, IdentityMat, MatByCols, MatByRows | John Abbott | 21 Mar 2016 14:36 | Tidying | 100 |
| 818 | CoCoALib | | Normal | F5 with 3 args? | John Abbott | 24 Nov 2015 10:11 | Tidying | 10 |
| 139 | CoCoALib | | Normal | Usefulness of ring casting fns (remove AsPolyRing, etc.) | John Abbott | 01 Aug 2014 18:53 | Tidying | 100 |
| 415 | CoCoALib | | High | Remove AsPolyRing etc? | John Abbott | 17 Jul 2014 14:29 | Tidying | 100 |
| 165 | CoCoALib | | Normal | FractionField -- only of TrueGCDDomain? | John Abbott | 11 Jul 2014 12:05 | Tidying | 100 |
| 535 | CoCoALib | | Normal | IO: move GlobalInput etc to CoCoA server! | John Abbott | 15 May 2014 14:58 | Tidying | 100 |
| 560 | CoCoALib | | Normal | CoCoALib/io.H | John Abbott | 15 May 2014 14:26 | Tidying | 100 |
| 498 | CoCoALib | | Normal | IsIntegralDomain, lamIntegralDomain3 | John Abbott | 17 Apr 2014 09:50 | Tidying | 100 |
| 71 | CoCoALib | Feature #68: cleanup doc for matrix, MatrixViews, *Matrix*,.... | Normal | ZeroMat & FilledMat | John Abbott | 15 Apr 2014 16:13 | Tidying | 100 |
| 426 | CoCoALib | | Normal | ConvertTo with optional arg to give more helpful error message | John Abbott | 03 Apr 2014 11:54 | Tidying | 100 |

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| 411 | CoCoALib | | Normal | design of factorization template class | John Abbott | 03 Apr 2014 11:54 | Tidying | 100 |
| 291 | CoCoALib | | Normal | NewZZmod and NewRingFp: improve manual, clarify implementation | John Abbott | 03 Apr 2014 11:54 | Tidying | 100 |
| 89 | CoCoALib | | High | MachineInt or long as fn arg type for indices | John Abbott | 31 May 2013 16:53 | Tidying | 100 |
| 119 | CoCoALib | | Normal | CoCoA4io | John Abbott | 29 May 2013 11:36 | Tidying | 100 |
| 135 | CoCoALib | | Normal | Revise interface to SmallFplmpl & friends | John Abbott | 27 May 2013 14:22 | Tidying | 100 |
| 157 | CoCoALib | | Normal | Separate ThreadsafeCounter from symbol.C | John Abbott | 18 Jun 2012 16:11 | Tidying | 100 |
| 167 | CoCoALib | | Normal | Integer operations | John Abbott | 31 May 2012 17:39 | Tidying | 100 |