

## CoCoALib - Issues

Estimated time: 99.06

| #   | Estimated time | Status | Subject  | Tracker |
|-----|----------------|--------|--|---------|
| 560 | 1.0            | Closed | CoCoALib/io.H  | Design  |
| 540 | 5.0            | Closed | Progress reporter  | Feature |
| 538 | 2.0            | Closed | Compilation problem in TmpMorsePaths.C   | Bug     |
| 535 | 2.0            | Closed | IO: move GlobalInput etc to CoCoA server!  | Design  |
| 533 | 7.5            | Closed | Convert BigInt/BigRat to string  | Feature |
| 528 | 2.5            | Closed | Release: CoCoALib-0.99533  | Support |
| 526 | 0.5            | Closed | Fn to test if an integer is a power of 2   | Feature |
| 517 | 4.0            | Closed | MaxSquarableInteger gives wrong ans for unsigned long                            | Bug     |
| 511 | 1.4            | Closed | Rename file TmpFactor to factor  | Design  |
| 510 | 2.0            | Closed | SyzOfGens (CoCoALib): fix shifts   | Bug     |
| 508 | 1.0            | Closed | Renaming: SqfreeFactor to SqFreeFactor   | Support |
| 498 | 3.01           | Closed | IsIntegralDomain, lamIntegralDomain3   | Design  |
| 479 | 1.01           | Closed | make check in examples/ directory is far too slow                                | Slug    |
| 431 | 2.0            | Closed | NewPolyRing_DMPI has no constructor with a predefined PPM                        | Feature |
| 430 | 1.51           | Closed | Use -fopenmp flag when compiling CoCoALib with libnormaliz                       | Feature |
| 429 | 4.01           | Closed | factorization: public data fields, or mem fns allowing the fields to be updated. | Design  |
| 428 | 1.51           | Closed | PPMonoidOv is not threadsafe   | Bug     |
| 408 | 1.1            | Closed | Rename MatrixArith to MatrixOperations   | Design  |
| 404 | 2.0            | Closed | deg(F,X) instead of MaxExponent(F,X) ?   | Design  |
| 377 | 3.0            | Closed | IsDivisible -- exact semantics?  | Design  |
| 373 | 1.51           | Closed | add DeleteCol, DeleteRow   | Feature |
| 356 | 4.0            | Closed | IsZeroDivisor  | Feature |
| 351 | 3.0            | Closed | Problems with DenseMatImpl::myResize   | Bug     |
| 342 | 3.0            | Closed | Remove denominators: QQ[x] -> ZZ[x] (and PushBack(coeff, PP))                    | Feature |
| 298 | 10.0           | Closed | Valgrind: keep CoCoALib at 0 memory leaks  | Feature |
| 288 | 1.0            | Closed | DynamicBitset example using LPP  | Support |
| 285 | 1.0            | Closed | Notes for adding/removing files from documentation                               | Support |
| 254 | 6.0            | Closed | How to return a Hilbert Series in CoCoALib                                       | Design  |
| 138 | 2.0            | Closed | Automatic conversion from bool3 to bool?   | Feature |
| 107 | 5.0            | Closed | Recognizing finite fields  | Feature |

| #  | Estimated time | Status | Subject   | Tracker |
|----|----------------|--------|---|---------|
| 71 | 2.0            | Closed | ZeroMat & FilledMat                             | Feature |
| 67 | 1.0            | Closed | Rename MatrixViews                              | Bug     |
| 66 | 0.5            | Closed | BigInt - NumTheory                              | Support |
| 17 | 1.0            | Closed | implement "binomial" (coefficient) for RingElem | Feature |
| 5  | 10.0           | Closed | Coefficient extraction                          | Feature |