

## CoCoALib - Issues

| #    | Project  | Parent task | Priority | Subject   | Assignee           | Updated           | Category        | % Done |
|------|----------|-------------|----------|---|--------------------|-------------------|-----------------|--------|
| 1434 | CoCoALib |             | Normal   | GBasisByHomog for DegLex  | Anna Maria Bigatti | 06 Mar 2020 17:41 | Improving       | 100    |
| 1427 | CoCoALib |             | Normal   | New function: LawrenceMat   | Anna Maria Bigatti | 06 Mar 2020 16:35 | New Function    | 100    |
| 1426 | CoCoALib |             | High     | Main Makefile: does not rebuild dependencies  | John Abbott        | 04 Mar 2020 14:20 | Makefile        | 100    |
| 1416 | CoCoALib |             | Normal   | IdealOfProjectivePoints and MinGens   | Anna Maria Bigatti | 04 Mar 2020 14:19 | Maths Bugs      | 100    |
| 1413 | CoCoALib |             | Normal   | configure script: MODE option obsolete?   | John Abbott        | 11 Feb 2020 13:13 | Documentation   | 100    |
| 1411 | CoCoALib |             | Normal   | IsPrimary sometimes wrong   | John Abbott        | 03 Feb 2020 15:42 | Maths Bugs      | 100    |
| 1402 | CoCoALib |             | Normal   | gfan: installation problem: configure reports odd.h present but cannot be compiled          | John Abbott        | 11 Feb 2020 18:33 | Portability     | 100    |
| 1389 | CoCoALib |             | Normal   | myZeroPtr and myOnePtr  | John Abbott        | 13 Jan 2020 12:07 | Data Structures | 100    |
| 1380 | CoCoALib |             | Normal   | Make IsZeroDim more robust  | John Abbott        | 10 Jan 2020 12:29 | Improving       | 100    |
| 1379 | CoCoALib |             | High     | Fails to recognize zero-dim ideal   | Anna Maria Bigatti | 10 Jan 2020 12:17 | Maths Bugs      | 100    |
| 1377 | CoCoALib |             | Normal   | CpuTimeLimit: limit "intervals" between full checks   | John Abbott        | 11 Feb 2020 12:09 | Improving       | 100    |
| 1366 | CoCoALib |             | Normal   | Should configure remove the file ERR_MESSAGES if it's empty?                                | John Abbott        | 12 Feb 2020 15:57 | Tidying         | 100    |
| 1362 | CoCoALib |             | Normal   | GBasis verbose mode: some output is on cerr/clog  | John Abbott        | 12 Feb 2020 18:14 | Tidying         | 100    |
| 1353 | CoCoALib |             | Normal   | configure script help   | John Abbott        | 13 Feb 2020 11:06 | Documentation   | 100    |
| 1338 | CoCoALib |             | Normal   | Release CoCoALib-0.99700  | Anna Maria Bigatti | 20 May 2020 13:30 | Various         | 100    |
| 1319 | CoCoALib |             | Normal   | Problem rebuilding dependencies when file PREPROCESSOR_DEFNS.H does not exist               | John Abbott        | 11 Feb 2020 12:22 | Improving       | 100    |
| 1308 | CoCoALib |             | Normal   | test-GFan1 fails  | John Abbott        | 11 Feb 2020 18:28 | Portability     | 100    |
| 1277 | CoCoALib |             | Normal   | Gaussian row reduction  | John Abbott        | 12 Feb 2020 15:26 | New Function    | 100    |
| 1264 | CoCoALib |             | Urgent   | Remove unnecessary files before making CoCoALib release TGZ files                           | John Abbott        | 12 Mar 2020 22:28 | Tidying         | 100    |
| 1260 | CoCoALib |             | High     | Fix file permissions after using CVS  | John Abbott        | 12 Feb 2020 16:16 | Safety          | 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    |
| 1184 | CoCoALib |             | Normal   | should BeginIter(RingElem) be in SparsePolyIter or in SparsePolyOps-RingElem?               | John Abbott        | 12 Feb 2020 18:17 | Tidying         | 100    |
| 1161 | CoCoALib |             | Normal   | Split NumTheory.C into several smaller files  | John Abbott        | 12 Feb 2020 16:11 | Tidying         | 100    |
| 1136 | CoCoALib |             | Low      | IsInRadical: sometimes a bit slow   | John Abbott        | 09 Dec 2019 13:34 | Improving       | 100    |
| 982  | CoCoALib |             | Normal   | Catching interrupts in example progs?   | John Abbott        | 09 Jan 2020 22:29 | Tidying         | 100    |
| 976  | CoCoALib |             | High     | configure: auxiliary scripts should be consistent about error messages                      | John Abbott        | 09 Jan 2020 22:10 | Improving       | 100    |
| 969  | CoCoALib |             | Normal   | Output to bad stream (operator<< and myOutput): just return immediately                     | John Abbott        | 11 Feb 2020 18:07 | Improving       | 100    |
| 966  | CoCoALib |             | Normal   | New function or explain: first and last for a vector?                                       | Anna Maria Bigatti | 14 Feb 2020 10:21 | Documentation   | 100    |

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| 935 | CoCoALib |             | High     | ElimMat, ElimHomogMat: complain about zero or negative weights | Anna Maria Bigatti | 13 Feb 2020 10:30 | Safety       | 100    |
| 932 | CoCoALib |             | Normal   | CoCoALib configuration: BOOST dependency                       | John Abbott        | 27 Jan 2020 15:25 | Portability  | 100    |
| 792 | CoCoALib |             | Normal   | configure: search for libgmp too slow                          | John Abbott        | 09 Jan 2020 22:02 | Portability  | 100    |
| 736 | CoCoALib |             | Normal   | QuotientRing: is it correct to prohibit quotient by ideal(1)?  | Anna Maria Bigatti | 27 Jan 2020 17:43 | Improving    | 100    |
| 658 | CoCoALib |             | Urgent   | Indets actually in a poly (or vector or matrix)                | John Abbott        | 13 Feb 2020 15:09 | New Function | 100    |
| 357 | CoCoALib |             | Normal   | Constructor for vectors? CoCoAVector                           | Anna Maria Bigatti | 12 Feb 2020 14:43 | New Function | 100    |
| 303 | CoCoALib |             | Normal   | Rows and Columns of a matrix                                   | John Abbott        | 09 Jan 2020 22:17 | New Function | 100    |
| 259 | CoCoALib |             | Normal   | Squarefree(?) GCD-free basis                                   | John Abbott        | 09 Jan 2020 22:22 | New Function | 100    |
| 91  | CoCoALib |             | High     | Return type & name for "indets" of a PP                        | John Abbott        | 14 Feb 2020 13:26 | New Function | 100    |
| 4   | CoCoALib |             | Normal   | Squarefree GCD-free basis                                      | John Abbott        | 27 Jan 2020 17:58 | New Function | 100    |
| 2   | CoCoALib |             | Normal   | Makefile problem in ROOT and/or src/AlgebraicCore              | John Abbott        | 12 Feb 2020 15:00 | Makefile     | 100    |