

## CoCoALib - Issues

| #    | Project  | Parent task | Priority | Subject   | Assignee           | Updated           | Category        | % Done |
|------|----------|-------------|----------|---|--------------------|-------------------|-----------------|--------|
| 386  | CoCoALib |             | High     | add resolution data type  | Anna Maria Bigatti | 11 Jun 2015 14:58 | New Function    | 10     |
| 1179 | CoCoALib |             | Normal   | Clean up SparsePolyOps-MonomialIdeals                             | Anna Maria Bigatti | 22 Mar 2024 09:33 | Tidying         | 20     |
| 849  | CoCoALib |             | Normal   | Cleanup MinPoly code  | Anna Maria Bigatti | 08 Mar 2024 18:15 | Tidying         | 10     |
| 676  | CoCoALib |             | Normal   | Credits to CoCoALib contributors                                  | Anna Maria Bigatti | 28 Apr 2017 11:06 | Documentation   | 10     |
| 1066 | CoCoALib |             | Normal   | Documentation: translation table                                  | Anna Maria Bigatti | 08 Mar 2024 18:16 | Documentation   | 30     |
| 313  | CoCoALib |             | High     | Elim(vector<long>) as PPOrderingCtor                              | Anna Maria Bigatti | 22 Mar 2024 18:17 | New Function    | 30     |
| 765  | CoCoALib |             | Normal   | ExternalLib-CDD: (needed by GFan)                                 | Anna Maria Bigatti | 11 Sep 2019 13:47 | Portability     | 10     |
| 780  | CoCoALib |             | Normal   | GroebnerFan/ExternalLib-GFan: improve package                     | Anna Maria Bigatti | 21 Apr 2017 11:06 | Improving       | 20     |
| 1737 | CoCoALib |             | Normal   | Homogenization of an ideal with ZZ^1-grading                      | Anna Maria Bigatti | 01 Feb 2024 19:59 | Improving       | 20     |
| 1744 | CoCoALib |             | Normal   | Implement GBMill (aka Groebner Framework)                         | Anna Maria Bigatti | 25 May 2023 14:30 | Data Structures | 10     |
| 937  | CoCoALib |             | Normal   | LinDepMill: Mill for linear dependencies                          | Anna Maria Bigatti | 18 Apr 2024 16:38 | New Function    | 10     |
| 707  | CoCoALib |             | Normal   | MatrixOrderingMod32749Impl: test and write documentation!         | Anna Maria Bigatti | 25 Apr 2024 21:46 | Safety          | 50     |
| 1740 | CoCoALib |             | High     | MinGens gives non minimal gens *if some deg=0*                    | Anna Maria Bigatti | 22 Mar 2024 18:04 | Maths Bugs      | 30     |
| 1808 | CoCoALib |             | Normal   | New constructor for PolyRing with elimination ordering            | Anna Maria Bigatti | 28 Mar 2024 07:35 | New Function    | 10     |
| 898  | CoCoALib |             | High     | New function: cardinality of finite field?                        | Anna Maria Bigatti | 08 Mar 2024 17:45 | New Function    | 20     |
| 1337 | CoCoALib |             | Normal   | PrimaryDecomposition: a interesting/pathological example          | Anna Maria Bigatti | 08 Mar 2023 21:13 | Improving       | 10     |
| 1103 | CoCoALib |             | Normal   | Pseudo-zero-dim ideals  | Anna Maria Bigatti | 05 Nov 2021 16:09 | Improving       | 30     |
| 1417 | CoCoALib |             | Normal   | RadicalZeroDim with extra parameter for GBasis timeout            | Anna Maria Bigatti | 16 Mar 2024 21:42 | Improving       | 20     |
| 26   | CoCoALib |             | High     | Redmine Administration  | Anna Maria Bigatti | 23 Feb 2024 10:59 | Documentation   | 80     |
| 1687 | CoCoALib |             | Normal   | Release CoCoALib 0.99850  | Anna Maria Bigatti | 29 Mar 2024 10:42 | Various         | 50     |
| 1422 | CoCoALib |             | Normal   | Remove flag lhaveGBasisValue?                                     | Anna Maria Bigatti | 16 Feb 2024 17:56 | Data Structures | 10     |
| 1094 | CoCoALib |             | Normal   | Revive code for SelfSaturating GBasis                             | Anna Maria Bigatti | 22 Mar 2024 14:38 | New Function    | 50     |
| 777  | CoCoALib |             | Normal   | SLUG: elimination   | Anna Maria Bigatti | 22 Mar 2024 18:12 | Improving       | 10     |
| 1057 | CoCoALib |             | High     | Slug: Polynomial ring constructor slow with (big) matrix ordering | Anna Maria Bigatti | 22 Mar 2024 09:31 | Improving       | 50     |
| 316  | CoCoALib |             | Normal   | submodule constructor different from ideal                        | Anna Maria Bigatti | 10 Jul 2014 16:21 | Tidying         | 0      |
| 598  | CoCoALib |             | Normal   | Syzygy for modules: non-homogeneous module                        | Anna Maria Bigatti | 27 Mar 2024 17:31 | Improving       | 40     |