

## CoCoALib - Issues

| #   | Project  | Parent task | Priority | Subject  | Assignee           | Updated           | Category      | % Done |
|-----|----------|-------------|----------|--|--------------------|-------------------|---------------|--------|
| 390 | CoCoALib |             | Normal   | Store unique copy of QQ[t_1..t_n] (RingQQt) in GlobalManager                       | John Abbott        | 29 Oct 2013 14:30 | New Function  | 90     |
| 354 | CoCoALib |             | Normal   | New function BinRepr (was BinExp, also known as Macaulay representation)           | John Abbott        | 29 May 2013 16:41 | New Function  | 100    |
| 349 | CoCoALib |             | Urgent   | IdealOfPoints: gens are actually a GBasis  | Anna Maria Bigatti | 29 Oct 2013 13:39 | New Function  | 100    |
| 340 | CoCoALib |             | Normal   | "configure" does not set BOOST if there are multiple copies in "standard" location | John Abbott        | 28 May 2013 18:41 | Makefile      | 100    |
| 339 | CoCoALib |             | Normal   | DenseUPolyClean uses size_t  | John Abbott        | 28 May 2013 18:57 | Portability   | 100    |
| 335 | CoCoALib |             | Urgent   | Equality of (sub)modules   | Anna Maria Bigatti | 29 Oct 2013 13:33 | New Function  | 100    |
| 320 | CoCoALib |             | Normal   | PPMonoid pseudo-ctors without symbol names   | John Abbott        | 05 Mar 2013 18:16 | New Function  | 0      |
| 300 | CoCoALib |             | Normal   | Add fault tolerant rational reconstruction to library                              | John Abbott        | 03 Jun 2013 17:31 | New Function  | 100    |
| 283 | CoCoALib |             | Normal   | Rational approximation   | John Abbott        | 18 Feb 2013 20:19 | New Function  | 100    |
| 269 | CoCoALib |             | Normal   | PPMonoids: check for exponent overflow in power function                           | John Abbott        | 28 May 2013 18:16 | Safety        | 100    |
| 268 | CoCoALib |             | Normal   | Exponent range (in power products)   | John Abbott        | 08 Oct 2015 12:10 | Safety        | 100    |
| 236 | CoCoALib |             | Normal   | Add homog (homogenized) for ideal  | Anna Maria Bigatti | 23 May 2013 08:26 | New Function  | 100    |
| 178 | CoCoALib |             | Normal   | IsHomog: should it throw an error when there is no grading?                        | Anna Maria Bigatti | 29 Oct 2013 14:25 | Safety        | 90     |
| 140 | CoCoALib |             | Normal   | Doc & example for convert  | John Abbott        | 29 May 2013 16:48 | Documentation | 100    |
| 135 | CoCoALib |             | Normal   | Revise interface to SmallFpImpl & friends  | John Abbott        | 27 May 2013 14:22 | Tidying       | 100    |
| 124 | CoCoALib |             | Normal   | change long args in matrices into MachineInt (?)                                   | John Abbott        | 30 May 2013 15:55 | Safety        | 100    |
| 121 | CoCoALib |             | Urgent   | Porting "IdealOfPoints"  | John Abbott        | 29 May 2013 16:58 | New Function  | 100    |
| 119 | CoCoALib |             | Normal   | CoCoA4io   | John Abbott        | 29 May 2013 11:36 | Tidying       | 100    |
| 89  | CoCoALib |             | High     | MachineInt or long as fn arg type for indices                                      | John Abbott        | 31 May 2013 16:53 | Tidying       | 100    |
| 84  | CoCoALib |             | Normal   | Names for random streams   | John Abbott        | 23 May 2013 18:44 | Renaming      | 100    |
| 51  | CoCoALib |             | Normal   | polynomial coefficient extraction w.r.t. variable                                  | John Abbott        | 27 May 2013 18:19 | New Function  | 100    |
| 50  | CoCoALib |             | Normal   | Polynomial content   | John Abbott        | 27 May 2013 18:16 | New Function  | 100    |
| 22  | CoCoALib |             | High     | Rename PPMonoidEvZZ?   | John Abbott        | 23 May 2013 16:58 | Renaming      | 100    |
| 3   | CoCoALib |             | Normal   | implement creation of a PPMonoidElement from vector<BigInt>                        | John Abbott        | 15 Mar 2013 17:35 | New Function  | 100    |