

## CoCoALib - Issues

Estimated time: 193.09

#	Tracker	Status	Subject	Estimated time
1205	Bug	Closed	SyzOfGens: bug with zero generators	5.01
1203	Feature	Closed	factor over algebraic extensions	3.51
1199	Bug	Closed	GCD bug with high degree arg	3.33
1195	Support	Rejected	Release: CoCoALib-0.99580 (together with CoCoA-5.2.4)	
1185	Bug	Closed	factor: multivariate, wrong RemainingFactor (sign wrong)	4.51
1182	Design	Closed	"mod" for BigInt	2.0
1181	Slug	Closed	CpuTime is costly!	8.51
1180	Design	Closed	BigRat(0) unexpectedly compiles! (calls ctor with mpq_t arg)	7.7
1178	Feature	Closed	New function: myPrimaryDecomposition_0dim	3.51
1177	Design	Closed	File names: use "SparsePolyOps" prefix for pertinent files	6.66
1169	Feature	Closed	New function: RandomLinearForm (CoCoALib)	2.21
1167	Feature	Closed	New class VerificationLevel	2.01
1165	Slug	Closed	MinPoly over QQ: verification may be very slow	7.7
1163	Design	Closed	Split SparsePolyRing.C in smaller files	3.0
1162	Design	Closed	Check semantics of NoSmallFactorSeq	5.55
1159	Design	Closed	Add global enum "verify/DontVerify"	1.1
1158	Feature	Closed	New function: MinPolyQuotHeuristic --> MinPolyQuot with VerificationLevel	4.0
1155	Feature	Closed	Create a new "prime source" iterator	22.2
1154	Feature	Closed	SmallFpImpl: new ctor arg to say do-not-check-that-arg-is-prime	1.99
1149	Support	Closed	Release: CoCoALib-0.99600 (together with CoCoA-5.2.4)	10.0
1145	Design	Closed	File names, coding conventions: Fns, Ops, Operations? part 2	3.33
1131	Feature	Closed	Sturm sequence	4.44
1126	Feature	Closed	New function: SubmoduleOfMinGens	4.0
1124	Design	Closed	Move examples directory into doc -- or just change makefile?	5.01
1121	Bug	Rejected	PrevPrime and NextPrime anomalies	0.22
1110	Slug	Closed	Determinant of matrix over QQ (whose entries are actually integers)	19.9
1099	Support	Closed	MinPolyQuot: missing doc	1.0
1009	Slug	Closed	coefficients for MinPoly e Frobenius	2.51
1005	Feature	Closed	Makefile: install target for CoCoALib	4.44
901	Feature	Closed	New function: PrimaryDecomposition0 in CoCoALib	11.1

#	Tracker	Status	Subject	Estimated time
900	Feature	Closed	New function: MinPoly of RingElem in quotient ring	1.5
847	Support	Closed	Doc for BigInt, BigIntOps, BigRat -- should there be BigRatOps?	7.7
825	Design	Closed	IsPositiveGrading -- really need 2 signatures?	0.88
764	Design	Closed	ExternalLib: simplify configuration	1.55
587	Feature	Closed	port to CoCoALib: Homomorphism pkg (ker, IsInjective, IsSurjective..)	18.8
410	Design	Closed	New file: BigRatOps	0.22
374	Feature	Closed	Porting "IdealOfProjectivePoints"	1.99