

# CoCoALib

	2024-10				2024-11				2024-12				2025-1				2025-2				2025-3			
	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12
CoCoA																								
CoCoALib																								
CoCoALib - CoCoALib-0.99600																								
Porting "IdealOfProjectivePoints"																								
New file: BigRatOps																								
port to CoCoALib: Homomorphism (...)																								
ExternalLib: simplify configuration																								
IsPositiveGrading -- really need (...)																								
Doc for BigInt, BigIntOps, BigRat (...)																								
New function: MinPoly of RingElem (...)																								
New function: PrimaryDecomposition0 (...)																								
Makefile: install target for CoCoALib																								
coefficients for MinPoly e Frobenius																								
MinPolyQuot: missing doc																								
Determinant of matrix over QQ (whose (...)																								
PrevPrime and NextPrime anomalies																								
Move examples directory into doc (...)																								
New function: SubmoduleOfMinGens																								
Sturm sequence																								
File names, coding conventions: (...)																								
Release: CoCoALib-0.99600 (together (...)																								
SmallFpImpl: new ctor arg to say (...)																								
Create a new "prime source" iterator																								
New function: MinPolyQuotHeuristic (...)																								
Add global enum "verify/DontVerify"																								
Check semantics of NoSmallFactorSeq																								
Split SparsePolyRing.C in smaller (...)																								
MinPoly over QQ: verification may (...)																								
	CoCoALib																							
	Closed 100%																							

**New class VerificationLevel**  
**New function: RandomLinearForm (...)**  
**File names: use "SparsePolyOps" (...)**  
**New function: myPrimaryDecomposition\_0dim**  
**BigRat(0) unexpectedly compiles! (...)**  
**CpuTime is costly!**  
**"mod" for BigInt**  
**factor: multivariate, wrong RemainingFactor (...)**  
**Release: CoCoALib-0.99580 (together (...))**  
**GCD bug with high degree arg**  
**factor over algebraic extensions**  
**SyzOfGens: bug with zero generators**