

CoCoALib - Issues

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1807	CoCoALib		Normal	Error codes: "Not..." for "blah must be ..." -- change prefix		26 Mar 2024 14:22	Renaming	0
1804	CoCoALib		Normal	Use long long (at least sometimes)?	John Abbott	26 Apr 2024 21:09	Portability	80
1802	CoCoALib		Normal	Tidying ideal generators (for non-polynomial ideals)		25 Mar 2024 19:05	Improving	0
1801	CoCoALib		Normal	BuildInfo		13 Apr 2024 22:18	Tidying	10
1800	CoCoALib		Normal	Conversion from SmallPrime to UNSIGNED long?		15 Apr 2024 10:09	Tidying	10
1799	CoCoALib		Normal	Clean out OLD CODE?		24 Mar 2024 10:52	Tidying	0
1798	CoCoALib		Normal	Computing in sub polyring		22 Mar 2024 09:30	Improving	0
1792	CoCoALib		Normal	CpuTimeOut: arg of type ErrorContext?		18 Mar 2024 20:50	Tidying	0
1787	CoCoALib		Normal	Iterator design: compatible with C++STL? Advancing beyond end?	John Abbott	23 Apr 2024 22:26	Tidying	30
1783	CoCoALib		Normal	Code & doc structure: one-big-file or many-small-files?		24 Feb 2024 18:34	Tidying	10
1777	CoCoALib		Normal	VerificationLevel: just 3? Low, high, guaranteed?		16 Feb 2024 10:00	Various	0
1771	CoCoALib		Normal	Hadamard bound: field names	John Abbott	22 Dec 2023 21:31	Renaming	100
1768	CoCoALib		Normal	Limit indentation in verbose mesgs?	John Abbott	22 Jan 2024 10:36	Improving	100
1767	CoCoALib		Normal	Finalize design for ideals in CoCoALib		08 Mar 2024 17:26	Data Structures	10
1753	CoCoALib		Normal	Clean up EulerTotient, InvTotient jungle in NumTheory-misc	John Abbott	29 Mar 2024 08:25	Tidying	100
1750	CoCoALib		Normal	IdealOfPoints: allow duplicate points?	John Abbott	08 Mar 2024 18:23	Improving	20
1744	CoCoALib		Normal	Implement GBMill (aka Groebner Framework)	Anna Maria Bigatti	25 May 2023 14:30	Data Structures	10
1738	CoCoALib		Normal	Suggestion about Graded polynomial rings		05 May 2023 08:47	Data Structures	10
1736	CoCoALib		Normal	Clean TmpGOperations, and remove Tmp prefix		28 Apr 2023 16:01	Tidying	0
1735	CoCoALib		Normal	PushFront/PushBack without checks?	John Abbott	08 Mar 2024 14:38	Improving	100
1727	CoCoALib		Normal	Cruft in ExtLibs-Normaliz.C		13 Mar 2023 19:01	Tidying	0
1721	CoCoALib		Normal	Verbose messages: print level?	Anna Maria Bigatti	12 Apr 2023 14:56	Improving	100
1720	CoCoALib		Normal	DivAlg in CoCoALib	Anna Maria Bigatti	25 Mar 2024 17:55	Tidying	20
1716	CoCoALib		Normal	Qn: factor for BigInt	John Abbott	14 Mar 2023 21:32	Improving	100
1704	CoCoALib		Normal	Symlink directory for external files needed by CoCoA-5	Anna Maria Bigatti	18 Mar 2024 09:29	Tidying	0
1703	CoCoALib		Normal	Threadsafty, multithreading: optional fn arg (or separate fn)	John Abbott	07 Mar 2024 20:04	Safety	80
1699	CoCoALib		Normal	Shell scripts: Shebang line, etc		16 Feb 2024 10:01	Portability	10
1693	CoCoALib		Normal	SizeInBase: obsolete	John Abbott	07 Oct 2022 15:25	Tidying	100
1691	CoCoALib		Normal	Random and threadsafe?		15 Feb 2024 22:38	Safety	0
1689	CoCoALib		Normal	Automatic mapping of RHS in += etc	John Abbott	16 Feb 2024 17:35	Tidying	100
1685	CoCoALib		Normal	RingBase::mySwap needed?		07 Mar 2024 20:49	Improving	10

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1682	CoCoALib		Normal	swap for new classes		16 Feb 2024 09:35	Improving	10
1678	CoCoALib		Normal	Unsigned long for indexes (& sizes?)		07 Mar 2024 20:25	Safety	10
1677	CoCoALib		Normal	release-source script: use shell globbing?		16 Feb 2024 10:01	Tidying	10
1669	CoCoALib		Normal	Review File subtree hierarchy		08 Mar 2023 19:56	Tidying	0
1655	CoCoALib		Normal	Remove ability to compile CoCoALib against UNINSTALLED gmp?	John Abbott	14 Feb 2022 10:00	Safety	100
1653	CoCoALib		Normal	Discriminant: return value	John Abbott	04 Feb 2022 21:52	Various	100
1649	CoCoALib		Normal	Add file SparsePolyOps-vector.C	Anna Maria Bigatti	25 Mar 2024 17:49	Tidying	100
1647	CoCoALib		Normal	Suppress zero from ideal generators? Detect 1 and simplify generators?	Anna Maria Bigatti	25 Mar 2024 19:02	Data Structures	100
1642	CoCoALib		Normal	interreduce: make monic if over finite field?	John Abbott	16 Feb 2024 20:44	Improving	20
1632	CoCoALib		Normal	C++17: notes about updating		12 Nov 2021 18:11	Portability	0
1630	CoCoALib		Normal	Signal handler not portable?		15 Feb 2024 22:42	Portability	0
1628	CoCoALib		Normal	Unused variables, params, data members		11 Mar 2023 12:29	Tidying	10
1627	CoCoALib		Normal	Use keyword "delete" for deleted functions	John Abbott	04 Feb 2022 21:23	Improving	100
1625	CoCoALib		Normal	Use new C++ keyword override	John Abbott	04 Feb 2022 21:48	Safety	100
1617	CoCoALib		Normal	UnivariateIndetIndex: exact semantics	John Abbott	12 Nov 2021 11:44	Tidying	100
1608	CoCoALib		Normal	Domain of definition of NextPrime (and PrevPrime)	John Abbott	20 Oct 2021 22:09	Tidying	100
1607	CoCoALib		Normal	Coding guidelines		16 Feb 2024 10:02	Documentation	0
1606	CoCoALib		Normal	Return type with const	John Abbott	21 Mar 2024 20:24	Improving	100
1576	CoCoALib		Normal	cmp for machine integers	John Abbott	21 Jan 2024 20:23	Improving	20
1572	CoCoALib		Normal	Use noexcept	John Abbott	23 Apr 2024 21:57	Improving	70
1563	CoCoALib		Normal	BigRat: ctor from machine int	John Abbott	29 Jan 2021 11:26	Safety	100
1562	CoCoALib		Normal	matrix.H and MatrixView.H		08 Mar 2023 19:56	Tidying	0
1558	CoCoALib		Normal	CpuTimeLimit: more frequent clock checks	John Abbott	20 Sep 2021 15:41	Improving	100
1547	CoCoALib		Normal	Require decimal mode for ostream?	John Abbott	04 Feb 2022 21:50	Safety	100
1538	CoCoALib		Normal	RingElem from string (ReadExpr)	John Abbott	16 Sep 2021 12:54	Various	100
1529	CoCoALib		Normal	INPUT questions	John Abbott	17 Feb 2021 11:02	Safety	100
1528	CoCoALib		Normal	MacOS compilation with clang	John Abbott	23 Feb 2022 11:38	Tidying	100
1523	CoCoALib		Normal	Input fns: action when when istream is in bad state?	John Abbott	17 Feb 2021 11:01	Safety	100
1515	CoCoALib		Normal	Indets in coeffring are ringelems in coeffring?	John Abbott	27 Oct 2020 18:01	Tidying	100
1511	CoCoALib		Normal	Use C++14 constexpr	John Abbott	16 Mar 2024 21:55	Improving	100
1500	CoCoALib		Normal	IsDivisible in a field?	John Abbott	23 Oct 2020 10:57	Safety	100
1491	CoCoALib		Normal	Unified Gaussian reduction impl		08 Mar 2023 19:55	Tidying	0

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1467	CoCoALib		Normal	Change syntax apply(ϕ ,M) into ϕ (M)?	John Abbott	18 Feb 2022 15:24	Improving	100
1465	CoCoALib		Normal	mul(MAT,MAT,MAT)		16 Feb 2024 10:04	Tidying	10
1464	CoCoALib		Normal	What is the difference between InterruptReceived and InterruptedBySignal		01 Mar 2024 09:54	Tidying	0
1463	CoCoALib		Low	SmoothFactor: use FactorMultiplicity	John Abbott	29 Oct 2020 21:44	Tidying	100
1462	CoCoALib		Normal	Change CoCoA_ERROR into CoCoA_THROW_ERROR	John Abbott	14 Oct 2020 14:06	Improving	100
1460	CoCoALib		Normal	Name of TensorMat; change to KroneckerProd?	John Abbott	29 Oct 2020 15:01	Renaming	100
1446	CoCoALib		Normal	Start using C++14 "move" capability		08 Mar 2024 18:00	Improving	10
1428	CoCoALib		Normal	DenseMatrix: use template impl for ctors from vec-vec?		07 Mar 2024 20:49	Tidying	0
1422	CoCoALib		Normal	Remove flag IhaveGBasisValue?	Anna Maria Bigatti	16 Feb 2024 17:56	Data Structures	10
1414	CoCoALib		High	Make class RingElemVector?		25 Apr 2024 21:53	Data Structures	20
1413	CoCoALib		Normal	configure script: MODE option obsolete?	John Abbott	11 Feb 2020 13:13	Documentation	100
1409	CoCoALib		Normal	myTestIsPrimary & Co. : fix design	Anna Maria Bigatti	30 Apr 2020 14:20	Safety	100
1391	CoCoALib		Normal	RingElems: syntax with [and] ?	Anna Maria Bigatti	08 Jan 2021 13:03	Improving	100
1389	CoCoALib		Normal	myZeroPtr and myOnePtr	John Abbott	13 Jan 2020 12:07	Data Structures	100
1378	CoCoALib		Normal	Create two separate radical fns (for 0-dim ideals)		03 Jul 2023 17:49	Improving	0
1377	CoCoALib		Normal	CpuTimeLimit: limit "intervals" between full checks	John Abbott	11 Feb 2020 12:09	Improving	100
1370	CoCoALib		Low	RingID counter increased inside some functions		31 Jan 2024 22:19	Improving	0
1366	CoCoALib		Normal	Should configure remove the file ERR_MESGS if it's empty?	John Abbott	12 Feb 2020 15:57	Tidying	100
1355	CoCoALib		Normal	TmpLDP uses srand and time		01 Mar 2024 09:50	Tidying	0
1346	CoCoALib		Normal	C++14: use the new for loop syntax where appropriate (like cocoa's foreach)		22 Apr 2024 21:08	Improving	80
1336	CoCoALib		Normal	Rename SparsePolyOps-MonomialIdeal into SparsePolyOps-IdealMonomial?	Anna Maria Bigatti	15 Oct 2019 17:33	Renaming	100
1326	CoCoALib		Normal	Modify function myElim so that it returns ideal? (not quite)	Anna Maria Bigatti	18 Mar 2024 16:03	Tidying	100
1309	CoCoALib		Normal	SmoothFactor: allow limit = 1?	John Abbott	10 Oct 2019 18:45	Improving	100
1295	CoCoALib		Urgent	Never use "using namespace .." in header files	John Abbott	29 Oct 2019 12:00	Portability	100
1279	CoCoALib		Normal	Tidy up code for matrix determinant	John Abbott	29 Oct 2020 21:48	Tidying	100
1266	CoCoALib		Normal	Make a poly ring QQ[x,y,z] also contain a ZZ[x,y,z]		28 Mar 2019 16:42	Improving	0
1259	CoCoALib		Normal	ThreadsafeCounter is now obsolete?	John Abbott	14 Oct 2019 15:15	Tidying	100
1257	CoCoALib		Normal	C++14: use nullptr	John Abbott	15 Oct 2019 14:09	Improving	100
1255	CoCoALib		Normal	Ideals with trivial GBasis		08 Mar 2023 19:49	Improving	0
1242	CoCoALib		Normal	C++14: Use type auto where appropriate		22 Apr 2024 21:08	Tidying	40
1232	CoCoALib		Normal	IsPrime(0)	John Abbott	29 Oct 2018 18:00	Various	100

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1225	CoCoALib		High	Move to C++14 (skipping C++11)		08 Mar 2024 17:46	Portability	30
1223	CoCoALib		Normal	NewPolyRing default indet names	John Abbott	10 Oct 2019 19:13	Safety	100
1221	CoCoALib		Normal	Reconsider design for accessing headers and libs of external libraries	John Abbott	09 Oct 2020 13:54	Portability	100
1213	CoCoALib		Normal	Create PolyOps-RingElem?		16 Feb 2024 09:48	Tidying	0
1184	CoCoALib		Normal	should BeginIter(RingElem) be in SparsePolyIter or in SparsePolyOps-RingElem?	John Abbott	12 Feb 2020 18:17	Tidying	100
1182	CoCoALib		Normal	"mod" for BigInt	John Abbott	03 Aug 2018 16:27	Tidying	100
1180	CoCoALib		Normal	BigRat(0) unexpectedly compiles! (calls ctor with mpq_t arg)	John Abbott	15 Jan 2021 17:13	Safety	100
1179	CoCoALib		Normal	Clean up SparsePolyOps-MonomialIdeals	Anna Maria Bigatti	22 Mar 2024 09:33	Tidying	20
1177	CoCoALib		Normal	File names: use "SparsePolyOps" prefix for pertinent files	Anna Maria Bigatti	03 Aug 2018 16:18	Various	100
1168	CoCoALib		Normal	ideal: does const ourGetPtr really need to be private?		08 Mar 2024 17:26	Data Structures	40
1166	CoCoALib		Normal	C++11: allows large integer literals (in NumTheory-prime.C)	John Abbott	07 Mar 2024 20:49	Portability	100
1163	CoCoALib		Normal	Split SparsePolyRing.C in smaller files	Anna Maria Bigatti	02 Aug 2018 17:04	Renaming	100
1162	CoCoALib		Normal	Check semantics of NoSmallFactorSeq	John Abbott	03 Aug 2018 16:01	Improving	100
1159	CoCoALib		Normal	Add global enum "verify/DontVerify"	John Abbott	25 Jun 2018 15:06	Data Structures	100
1156	CoCoALib		Normal	Printing for RingElem		08 Jan 2020 23:02	Improving	0
1147	CoCoALib		Normal	mySquare and myPowerSmallExp		30 Apr 2019 17:18	Tidying	0
1145	CoCoALib		Normal	File names, coding conventions: Fns, Ops, Operations? part 2	John Abbott	03 Aug 2018 16:17	Renaming	100
1144	CoCoALib		Normal	File names, coding conventions: Fns, Ops, Operations? part 1		19 Dec 2017 07:44	Renaming	100
1125	CoCoALib		Normal	Separate install script for CoCoALib?	John Abbott	23 Jan 2024 21:54	Tidying	0
1124	CoCoALib		Normal	Move examples directory into doc -- or just change makefile?	Anna Maria Bigatti	03 Aug 2018 17:04	Documentation	100
1106	CoCoALib		Normal	Remove READLINE from CoCoALib	John Abbott	22 Apr 2024 20:24	Tidying	100
1098	CoCoALib		Normal	Ctors for exceptions/errors		06 Sep 2017 15:27	Tidying	0
1086	CoCoALib		Normal	New design for interrupt mechanism	John Abbott	08 Nov 2017 16:31	Improving	100
1085	CoCoALib		High	Fns with "OUT" args: should they give ERR::MixedRings?	John Abbott	21 Mar 2024 20:29	Safety	100
1065	CoCoALib		Normal	Design: should we allow an ideal to change ring?	John Abbott	07 Sep 2023 08:25	Data Structures	100
1063	CoCoALib		Normal	Catching an (expected) error	Anna Maria Bigatti	08 Nov 2017 14:24	Documentation	100
1059	CoCoALib		Normal	Printing ring for ideals (or just for ideals 0 and 1)		05 May 2017 16:58	Improving	10
1019	CoCoALib		Normal	CPP flags in installed library	John Abbott	24 Apr 2017 17:55	Portability	100
999	CoCoALib		Normal	configuration: include -std=c++03 by default?	John Abbott	08 Nov 2017 17:08	Portability	100
983	CoCoALib		Normal	Which ostream for verbose/obsolescent log mesgs?	John Abbott	28 Apr 2017 09:35	Tidying	100
982	CoCoALib		Normal	Catching interrupts in example progs?	John Abbott	09 Jan 2020 22:29	Tidying	100
970	CoCoALib		Normal	Weights in ElimMat?		11 Nov 2016 15:49	Improving	10

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950	CoCoALib		Normal	factor and SmoothFactor for integers --> FactorINT, FactorINT_TrialDiv, FactorINT_PollardRho	John Abbott	13 Mar 2023 22:02	Safety	100
934	CoCoALib		Normal	MachineInt: change semantics?		22 Apr 2024 21:32	Safety	30
933	CoCoALib		Normal	Separate configure scripts for CoCoALib and CoCoA-5	John Abbott	23 Jan 2024 21:52	Portability	10
932	CoCoALib		Normal	CoCoALib configuration: BOOST dependency	John Abbott	27 Jan 2020 15:25	Portability	100
925	CoCoALib		Normal	MachineInt or long for args which are indices (yet again)		16 Apr 2024 22:29	Safety	50
924	CoCoALib		Normal	FlagManager for bool/bool3 flags	Anna Maria Bigatti	16 Feb 2024 17:57	Data Structures	50
921	CoCoALib		Normal	Design GBMill		22 May 2017 14:11		0
908	CoCoALib		High	Sum of ideals: what are the generators of $(x) + (0)$?	Anna Maria Bigatti	08 Mar 2024 14:34	Improving	100
906	CoCoALib		Normal	External libraries: keep copy of compatible versions?		13 Jul 2016 11:19	Portability	0
894	CoCoALib		Normal	strict enum types: C++11 extension	John Abbott	25 Apr 2024 21:49	Safety	30
891	CoCoALib		High	Replace auto_ptr in preparation for C++11?	John Abbott	25 Mar 2019 15:45	Portability	100
871	CoCoALib		Normal	Redesign ideals		31 Oct 2023 11:24	Data Structures	0
859	CoCoALib		Normal	Twin-float: comparisons and equality test	John Abbott	25 Jun 2016 14:11	Tidying	100
855	CoCoALib		High	Copyright and authorship?	John Abbott	15 Mar 2023 08:06	Portability	100
854	CoCoALib		Normal	Function MakeTermOrd should be renamed MakeTermOrdMat?	Anna Maria Bigatti	28 Mar 2024 16:25	Renaming	100
849	CoCoALib		Normal	Cleanup MinPoly code	Anna Maria Bigatti	08 Mar 2024 18:15	Tidying	10
846	CoCoALib		Normal	IsIrred: correct design?	John Abbott	26 Feb 2019 16:32	Improving	20
841	CoCoALib		Normal	NewPolyRing: tidy up the many different versions		01 Sep 2017 11:30	Tidying	10
832	CoCoALib		Low	Generalize grading matrix		14 Mar 2024 11:29	Data Structures	20
829	CoCoALib		High	PPOrderingCtor: name of mem fn which actually constructs?	John Abbott	10 Nov 2017 15:09	Tidying	100
827	CoCoALib		Immediate	NewPositiveMat also for matrices over QQ? Also NewIntegerOrdMat. (now called MakeTermOrd)		20 Jan 2017 14:26	Tidying	100
825	CoCoALib		Normal	IsPositiveGrading -- really need 2 signatures?	John Abbott	03 Aug 2018 17:01	Tidying	100
824	CoCoALib		Normal	Fn names: LexMat or MatLex; StdDegRevLexMat or MatStdDegRevLex etc	John Abbott	24 Mar 2016 18:01	Renaming	100
822	CoCoALib		High	Should ElimMat return a ConstMatrix	Anna Maria Bigatti	28 Apr 2017 15:16	Tidying	100
819	CoCoALib		Normal	GradingMat: does anyone need it?	Anna Maria Bigatti	24 Mar 2016 11:58	Tidying	100
816	CoCoALib		Normal	Rename isqrt to FloorSqrt (following ilog renaming to FloorLog)	John Abbott	02 Feb 2016 14:13	Renaming	100
815	CoCoALib		Normal	GlobalManager: Imminent disaster should be a proper error	John Abbott	28 Apr 2017 09:32	Tidying	100
809	CoCoALib		Normal	FastCmp for degree -- useful?	Anna Maria Bigatti	27 Nov 2015 16:06	Tidying	0
806	CoCoALib		Low	AssignZero for matrix	John Abbott	23 Mar 2016 15:31	Safety	100
805	CoCoALib		Urgent	New type for "constant" matrices?	John Abbott	28 Apr 2017 09:30	Data Structures	100
794	CoCoALib		Normal	ar gives warnings on fedora 23	John Abbott	17 Feb 2021 09:59	Portability	100

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789	CoCoALib		Normal	NumTheory: behaviour of InvMod when inverse does not exist	John Abbott	08 Nov 2017 17:44	Safety	100
787	CoCoALib		Normal	Remove refcounts from RingElem?		19 Oct 2015 17:08	Safety	0
786	CoCoALib		Normal	MemPool: review min and max loaf sizes	Anna Maria Bigatti	16 Sep 2021 13:38	Improving	100
785	CoCoALib		Normal	finite fields: global register of fields already created?		15 Oct 2015 17:27	Improving	0
778	CoCoALib		Normal	CRTMill::myAddInfo accept modulus 1 or not?		21 Mar 2016 15:16	Tidying	0
769	CoCoALib		Normal	CoCoALib cone		27 Jan 2020 15:32	Data Structures	10
764	CoCoALib		Normal	ExternalLib: simplify configuration	Anna Maria Bigatti	03 Aug 2018 17:33	Improving	100
763	CoCoALib		Normal	GlobalManager: initialization compatible with initialization of external libs		21 Mar 2016 16:55	Portability	10
752	CoCoALib		Normal	Investigate using Boost.build instead of make	John Abbott	28 Apr 2017 11:23	Portability	0
710	CoCoALib		Normal	Update normaliz interface?		16 Feb 2024 18:25	Improving	10
707	CoCoALib		Normal	MatrixOrderingMod32749Impl: test and write documentation!	Anna Maria Bigatti	25 Apr 2024 21:46	Safety	50
703	CoCoALib		Normal	Add more operations between modules (CoCoALib)	Anna Maria Bigatti	27 Oct 2017 11:53	New Function	10
686	CoCoALib		Normal	myAddMul in poly rings	Anna Maria Bigatti	20 Apr 2015 13:22	Tidying	20
683	CoCoALib		Normal	Module index component in internal compressed representation	Anna Maria Bigatti	15 Dec 2017 16:37	Documentation	100
649	CoCoALib		Normal	Make SmallFpImpl safer to use	John Abbott	02 Feb 2016 12:36	Safety	100
647	CoCoALib		Normal	Unique copies of free modules?		10 Nov 2014 16:55	Safety	0
642	CoCoALib		Normal	Move code in test file into namespace CoCoA	John Abbott	25 Jun 2015 17:15	Portability	100
641	CoCoALib		Normal	Clean test-FreeModule1	Anna Maria Bigatti	26 Jun 2015 16:58	Tidying	100
620	CoCoALib		Normal	Redesign CRTMill	John Abbott	21 Mar 2016 14:30	New Function	20
619	CoCoALib		Normal	Modulus (for CRTMill) ambiguous	John Abbott	25 Jun 2015 18:12	Renaming	100
602	CoCoALib		Normal	OrdMat: should it be a reference to a MatrixView in all PPOOrderings?	John Abbott	23 Mar 2016 15:24	New Function	100
601	CoCoALib		Normal	LongRange: in which file should it be declared/defined?		08 Mar 2023 20:45	Tidying	10
592	CoCoALib		Urgent	Review design of ConstMatrixView	John Abbott	29 Sep 2016 16:03	Tidying	100
584	CoCoALib		Normal	BaseRing for all rings	John Abbott	31 Jul 2014 16:55	New Function	100
582	CoCoALib		Normal	Error codes: use same code for "not poly ring" and "not elem poly ring"		26 Mar 2024 14:36	Tidying	30
581	CoCoALib		Normal	C++14: MachineInt	John Abbott	18 Feb 2022 15:26	Portability	100
572	CoCoALib		Normal	Split SparsePolyRing.H into two files? Problem with circular includes.		17 May 2018 16:36	Tidying	0
560	CoCoALib		Normal	CoCoALib/io.H	John Abbott	15 May 2014 14:26	Tidying	100
551	CoCoALib		Normal	Reconsider overloaded virtual mem fns		09 Jul 2014 18:00	Safety	0
550	CoCoALib		Normal	add myResolution member field to ideal and (sub)module		13 May 2015 09:57	Data Structures	0
535	CoCoALib		Normal	IO: move GloballInput etc to CoCoA server!	John Abbott	15 May 2014 14:58	Tidying	100
513	CoCoALib		High	Quick/correct flag for bool3 fns		10 Jul 2014 16:30	New Function	10

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511	CoCoALib		Normal	Rename file TmpFactor to factor	John Abbott	17 Apr 2014 09:49	Renaming	100
498	CoCoALib		Normal	IsIntegralDomain, lamIntegralDomain3	John Abbott	17 Apr 2014 09:50	Tidying	100
455	CoCoALib		Normal	Which sets of generators in an ideal?		14 Jul 2014 15:17	Various	0
432	CoCoALib		Normal	Semantics of IsPrintedWithMinus		14 Jul 2014 18:13	Various	10
429	CoCoALib		Normal	factorization: public data fields, or mem fns allowing the fields to be updated.	John Abbott	17 Apr 2014 09:50	Safety	100
427	CoCoALib		Normal	Error names and error messages (current design)		11 May 2017 10:57	Data Structures	10
415	CoCoALib		High	Remove AsPolyRing etc?	John Abbott	17 Jul 2014 14:29	Tidying	100
411	CoCoALib		Normal	design of factorization template class	John Abbott	03 Apr 2014 11:54	Tidying	100
410	CoCoALib		Normal	New file: BigRatOps	John Abbott	03 Aug 2018 16:15	Renaming	100
408	CoCoALib		Normal	Rename MatrixArith to MatrixOperations	John Abbott	17 Apr 2014 09:48	Renaming	100
404	CoCoALib		Normal	deg(F,X) instead of MaxExponent(F,X) ?	John Abbott	20 May 2014 09:47	Renaming	100
396	CoCoALib		Normal	PPMonoidElemAlias: redesign PPMonoidElem the same way as RingElem?	John Abbott	13 May 2015 09:57	Data Structures	0
377	CoCoALib		Normal	IsDivisible -- exact semantics?	John Abbott	17 Apr 2014 09:21	Maths Bugs	100
360	CoCoALib		Normal	CoCoAServer: what future, what issues?		28 Apr 2017 11:19	Various	0
339	CoCoALib		Normal	DenseUPolyClean uses size_t	John Abbott	28 May 2013 18:57	Portability	100
316	CoCoALib		Normal	submodule constructor different from ideal	Anna Maria Bigatti	10 Jul 2014 16:21	Tidying	0
311	CoCoALib		Immediate	XelMat, StdDegRevLexMat, ... should be MatrixView	John Abbott	20 Jan 2017 15:16	New Function	100
308	CoCoALib		High	Error: ERR::NotNonZero instead of ERR::ZeroRingElem?		27 Mar 2024 17:37	Renaming	40
305	CoCoALib		Normal	FreeModule: unique copy?		10 Dec 2023 20:43	Tidying	10
297	CoCoALib		Normal	Modules design: brainstorming		31 Jul 2014 14:55	New Function	30
291	CoCoALib		Normal	NewZZmod and NewRingFp: improve manual, clarify implementation	John Abbott	03 Apr 2014 11:54	Tidying	100
272	CoCoALib		Normal	Forward declarations		07 Apr 2014 18:14	Tidying	0
268	CoCoALib		Normal	Exponent range (in power products)	John Abbott	08 Oct 2015 12:10	Safety	100
263	CoCoALib		High	Move the various <matrix>::mySetEntry procedures into MatrixBase		01 Aug 2014 16:29	Tidying	0
254	CoCoALib		Normal	How to return a Hilbert Series in CoCoALib	John Abbott	17 Apr 2014 15:19	New Function	100
64	CoCoALib		Normal	submat takes only vector<long>	John Abbott	08 Mar 2024 17:17	Improving	100