

## CoCoALib - Issues

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1050	CoCoALib		Normal	ExternalLibs: function for getting info	John Abbott	28 Apr 2017 23:17	New Function	100
1048	CoCoALib		Normal	Several tests fail when threadsafe-hack is active	John Abbott	22 Apr 2017 22:43	Safety	100
1036	CoCoALib		Normal	LogStream: stream for log output	John Abbott	22 Apr 2017 22:52	Improving	100
1019	CoCoALib		Normal	CPP flags in installed library	John Abbott	24 Apr 2017 17:55	Portability	100
1016	CoCoALib		Normal	ReducedGBasis for RingWeyl (and other non-commutative rings)	Anna Maria Bigatti	28 Apr 2017 16:05	Improving	100
1015	CoCoALib		Normal	Bruns SEGV: SparsePolyIter/DMPI problem	John Abbott	28 Apr 2017 09:30	Data Structures	100
1008	CoCoALib		Normal	square function	John Abbott	28 Apr 2017 09:31	New Function	100
1004	CoCoALib		High	In scripts: use portable test for absolute paths	John Abbott	28 Apr 2017 09:31	Portability	100
983	CoCoALib		Normal	Which ostream for verbose/obsolescent log mesgs?	John Abbott	28 Apr 2017 09:35	Tidying	100
971	CoCoALib		Normal	CheckForInterrupt does not work in the expected way	John Abbott	28 Apr 2017 09:30	Improving	100
961	CoCoALib		Normal	New function: ReducedGBasis	Anna Maria Bigatti	21 Apr 2017 17:08	New Function	100
957	CoCoALib		Normal	New function: HasGBasis	Anna Maria Bigatti	29 Apr 2017 08:32	New Function	100
956	CoCoALib		Normal	determinant: fails for 0x0 matrix (SEGV)	John Abbott	28 Apr 2017 09:29	Maths Bugs	100
955	CoCoALib		Normal	RandomUnimodularMat - random unimodular matrix (of integers)	John Abbott	18 Nov 2016 22:39	New Function	100
953	CoCoALib		Normal	new file for old functions: obsolescent.C	John Abbott	29 Mar 2017 18:13	Renaming	100
951	CoCoALib		Normal	New function: IsSqFree	John Abbott	18 Nov 2016 23:09	New Function	100
944	CoCoALib		High	Release: CoCoALib-0.99550 (together with CoCoA-5.2.0)	Anna Maria Bigatti	08 May 2017 11:54	Tidying	100
938	CoCoALib		Urgent	ReadExpr: misreads 2/3^4	John Abbott	18 Nov 2016 22:23	Maths Bugs	100
936	CoCoALib		Normal	ReadExpr: cannot handle exponent which is not integer literal	John Abbott	18 Nov 2016 22:22	Improving	100
931	CoCoALib		Normal	GBasis verbose mode	Anna Maria Bigatti	29 Apr 2017 08:36	Improving	100
910	CoCoALib		Normal	BigRat: read from a string in "decimal" format?	John Abbott	18 Nov 2016 22:37	Improving	100
902	CoCoALib		Normal	New function: FrobeniusMat	Elisa Palezzato	28 Apr 2017 09:31	New Function	100
899	CoCoALib		High	IsMaximal, IsPrimary for IDEAL (in cocoalib)	Anna Maria Bigatti	25 Nov 2017 10:40	New Function	100
895	CoCoALib		Normal	NumDigits: sometimes gives wrong answer	John Abbott	28 Apr 2017 09:30	Improving	100
889	CoCoALib		Normal	configure script: give summary of warnings at end	John Abbott	28 Apr 2017 09:35	Various	100
867	CoCoALib		Normal	Compilation Error: C++11 and old GMP-Version	John Abbott	28 Apr 2017 09:35	Various	100
864	CoCoALib		Normal	Assignment of rings (esp. derived rings such as PolyRing)	John Abbott	28 Apr 2017 09:34	Tidying	100
860	CoCoALib		Normal	Check impl of RingTwinFloatImpl::myIsRational	John Abbott	28 Apr 2017 09:33	Safety	100
859	CoCoALib		Normal	Twin-float: comparisons and equality test	John Abbott	25 Jun 2016 14:11	Tidying	100
858	CoCoALib		Normal	floor for TwinFloat can produce ERR::SERIOUS	John Abbott	25 Jun 2016 12:08	Maths Bugs	100
856	CoCoALib		Normal	MantissaAndExponent2 for twin-float	John Abbott	28 Apr 2017 09:30	New Function	100

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853	CoCoALib		Normal	NearestInt can needlessly throw InsufficientPrecision	John Abbott	05 Oct 2016 16:33	Maths Bugs	100
827	CoCoALib		Immediate	NewPositiveMat also for matrices over QQ? Also NewIntegerOrdMat. (now called MakeTermOrd)		20 Jan 2017 14:26	Tidying	100
822	CoCoALib		High	Should ElimMat return a ConstMatrix	Anna Maria Bigatti	28 Apr 2017 15:16	Tidying	100
815	CoCoALib		Normal	GlobalManager: Imminent disaster should be a proper error	John Abbott	28 Apr 2017 09:32	Tidying	100
814	CoCoALib		Normal	PPOrdering: matrix ordering, what rings are allowed.	John Abbott	28 Apr 2017 09:33	Safety	100
807	CoCoALib		High	DiagMat: mySetEntry checks the entry is writable only if debugging active	John Abbott	28 Apr 2017 09:33	Safety	100
805	CoCoALib		Urgent	New type for "constant" matrices?	John Abbott	28 Apr 2017 09:30	Data Structures	100
790	CoCoALib		Normal	RingDistrMPolyInFpPPImpl::mySummandPool frees ZERO PTR many times	John Abbott	28 Apr 2017 09:32	Tidying	100
774	CoCoALib		High	Rename file PPMonoidEvZZ	John Abbott	02 Aug 2016 15:03	Renaming	100
696	CoCoALib		Normal	test-OrderedRing: activate or eliminate?	John Abbott	28 Apr 2017 09:33	Safety	100
694	CoCoALib		Normal	In test files: when is assert.H needed?	John Abbott	28 Apr 2017 09:32	Tidying	100
592	CoCoALib		Urgent	Review design of ConstMatrixView	John Abbott	29 Sep 2016 16:03	Tidying	100
573	CoCoALib		Normal	Use symbolic links for external libraries	John Abbott	28 Apr 2017 13:37	Portability	100
311	CoCoALib		Immediate	XelMat, StdDegRevLexMat, ... should be MatrixView	John Abbott	20 Jan 2017 15:16	New Function	100
228	CoCoALib		Normal	libcocoa sometimes built without its index	John Abbott	28 Apr 2017 16:14	Portability	100