CoCoA-5 - Issues

#	Estimated time	Status	Subject	Tracker
1795		Feedback	Makefile problem: needlessly relinks CoCoAInterpreter	Bug
1794		Resolved	Do not use random inside tests!!	Bug
1781		Feedback	GenReprCompute: SERIOUS ERROR	Bug
1772		New	Continued fraction: arg type RAT or RAT/INT?	Design
1766		Closed	Emacs 29: Removal of obsolete entries	Bug
1760	0.95	Closed	Quitting can be slow	Slug
1747		New	NewPolyRing with indices -- better interface?	Feature
1746		Feedback	ManExamples target: need to reset VerbosityLevel	Bug
1745	1.67	Closed	Printing of Hilbert series via indent	Bug
1741		In Progress	Documentation/Manual for HilbertFn	Support
1734	1.0	Closed	Fix call to HilbertPoly in test/TutHokkaido5	Bug
1724		Closed	New function: AdjacentMinors	Feature
1718	4.1	Closed	FactorINT with time-out	Feature
1717	1.11	Closed	CRASH: equality test to a FUNCTION	Bug
1714	1.99	Closed	IsDivisible error (in QuotRing)	Bug
1709	1.01	Closed	Test tut-CoCoLA2	Design
1708		New	Linux: just 1 executable, should be 2 (with & without readline)	Bug
1701		In Progress	Preliminary packages	Feature
1698	2.66	Closed	indent: return a string?	Design
1697	4.49	Closed	Specifying BOOST in configure	Design
1696	2.49	Closed	Which BOOST libs are actually needed?	Design
1695	0.88	Closed	boost-find-lib.sh	Bug
1688		In Progress	Release CoCoA 5.4.2	Support
1686		New	Manual entry for random (see also)	Support
1681		In Progress	Should Starting be case-insensitive?	Design
1679		New	BuiltinFunctions-GFan includes normaliz?!?	Design
1675		Closed	Version 5.4.0 requires Visual C++ Runtime 2013 on Windows	Support
1671		New	Refactor C++ impl in OnlineHelp	Feature
1663		New	GCDList not documented	Support
1659		New	Jordan Normal Form?	Feature

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1650		In Progress	Potentially confusing prompt: waiting for semicolon	Support
1648		New	ApproxSolve and RationalSolve take different input	Feature
1644		In Progress	Allow user to choose whether to print finite field elems as symm residues or non-neg residue	Feature
1640	1.66	Closed	MinSubsetOfGens does not find min subset	Bug
1639		New	RealRoots: crashes after interrupting	Bug
1638		New	MinSubsetOfGens sometimes very slow	Slug
1636		In Progress	Missing/Incomplete manual entries	Support
1631		New	Use filesystem::path instead of string (packageDir, CoCoAManFileName)	Design
1629	6.33	Closed	RingElem slow with many indets	Slug
1626	0.77	Feedback	NewMat: should be obsolescent?	Design
1623		Feedback	EmacsUI: annoying colours	Bug
1621		New	Doc for the various BuiltIn files	Support
1616	0.77	Closed	UnivariateIndetIndex: remove cocoa-5 implementation and use CoCoALib's	Feature
1604		In Progress	SqFreeFactor crashes over non-perfect field	Bug
1603		Rejected	Unhelpful behaviour in "compatibility mode": double error mesg	Support
1587	1.49	Closed	Multiline string literals (again)	Feature
1583		New	New fn ElapsedTimeFrom?	Feature
1581		New	Slow sqfr: rad(f)	Slug
1574		New	ApproxSolveTF	Bug
1573	3.99	Closed	ApproxSolve: very imprecise	Bug
1568		In Progress	RMap and image: obsolescent?	Design
1566		Closed	What does rad do?	Support
1564		New	Geometrical theorem proving package	Feature
1560		New	elim for modules	Bug
1556		New	DivAlg slower than NR	Slug
1552		New	subst: not checking args properly	Bug
1551		New	Emacs: avoid making buffer visible in 2 "windows"?	Design
1549	2.0	In Progress	Add sagbi package	Feature
1548		New	Man page for UniversalGBasis	Support
1545		New	CoeffOfTerm: in CoCoALibSupplement	Design
1544		New	CoCoA coding conventions for parser/interprer?	Design
1541		New	foreach with ref to list entry?	Feature
1539		Closed	Website: installation instructions for Microsoft	Bug

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1535		In Progress	New functions: argmin, argmax	Feature
1534		In Progress	Install CoCoA-5 on MacOS-10.15+	Support
1533		In Progress	RingElem and IndetSymbols not compatible	Design
1519		New	Interpreter fn Value::from can use std::move?	Design
1508		In Progress	Initial ring	Design
1503		New	More flexible ring creation syntax (after use or ::=)	Feature
1502		In Progress	SystemCommand in Microsoft version	Bug
1496	1.11	Rejected	Use "special" names for variables inside tests	Design
1486		In Progress	Emacs UI: indentation in a package	Support
1480		New	Documentation for making ring with parameters	Support
1477	2.33	Closed	Packages: questions from Andraschko	Design
1476		New	Lin alg with polys	Feature
1475		New	HilbertSeries: make into proper rational function	Bug
1474		New	Website: link to JSAG?	Support
1469		New	Get indexed indets from a polyring	Feature
1456		New	IntersectList or IntersectionList	Design
1454		New	Filenames in release CoCoAManual/html containing [obsolete]	Support
1453		New	Use symbolic links for release files	Design
1445		New	Automatic way to produce statically linked CoCoAInterpreter	Support
1440		New	Surprising parser error: INT+DOT+IDENTIFIER	Support
1432		New	Emacs UI: cocoa5-shell-check-process vs. process-status	Design
1430		New	HTML manual: search using keywords?	Support
1429		New	Stack overflow reading long list (SEGV)	Bug
1425		New	MakeTerm: implement in C++	Design
1418		New	Manual entry for NewPolyRing	Support
1415	5.0	In Progress	thmproving package	Feature
1393		Feedback	GUI with Qt5	Support
1373		In Progress	GFan also for Microsoft?	Feature
1372		In Progress	New function: find ?	Feature
1365		New	Package EdgeIdeal not documented	Support
1350		New	CoCoA manual: entry for operators, shortcuts	Support
1320		New	CoCoA-5 manual: incorrect empty line in syntax box (in PDF file)	Bug
1313		New	Automatic conversion from RINGELEM to INT	Feature

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1293		Resolved	Vim Plugin for CoCoA	Feature
1292		New	Interpreter: fns which accept INT or RAT	Design
1262		In Progress	Split BuiltinFunctions-CoCoALib.C into smaller files	Feature
1252		New	ShapeLemma: no manual entry	Support
1245		New	Online manual entry for RingElem needs to be improved	Support
1244		In Progress	MSatLinSolve: req minor improvements	Bug
1241		New	GDPR: website, mailing list	Support
1237		New	ker: for PolyAlgHom from QQ[x,y,z] to QQ(t)	Bug
1229		New	append is slow	Slug
1228		In Progress	SLUG: filling an array	Slug
1204		New	MinPoly for matrix: fix in cocoalib and export to cocoa5	Feature
1192		New	RealRoots: rational roots (but not binary rational roots)	Design
1171	6.25	Closed	RealRoots: first point is sometimes wrong?	Bug
1146		New	Use Flatpak and/or Snap on Linux?	Design
1141		New	IsInRadical: for monomial ideals	Slug
1112	2.0	Closed	New function: IsEmpty	Feature
1104		In Progress	Eigenvectors: inconsistent return type	Bug
1079		In Progress	CoCoAManual: AffHilbertFn accepts also ideal (correct?)	Support
1075	3.65	Closed	LaTeX package: power-product printing	Design
1072	1.01	Rejected	syz: apply to ModuleElem?	Feature
1071		In Progress	LinKerBasis is user-unfriendly	Support
1041		In Progress	Separators for elements of a list	Design
985	8.0	New	Microsoft (Windows 10, maybe other versions): more help for installation	Support
977		In Progress	"universal denominator" (related with GroebnerFanIdeals)	Support
948	16.0	Closed	radical is slow (compared to singular) on these examples	Slug
946	6.0	Resolved	Function "ideal" evaluates the argument twice	Bug
929	3.0	In Progress	Clean up CoCoALibSupplement	Design
912		In Progress	Add TUTORIALs to online manual	Feature
865		New	Implicit: make easier to use with rational functions	Feature
823	2.01	Closed	NewPolyRing with weights -- better interface?	Feature
750	1.23	Closed	C5 GUI: very slow when printing many short lines	Slug
723		New	Referring to indets with multiple indices from a polyring	Feature
716		In Progress	NotBuiltin.cpkg5: indent for MODULE	Bug

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709		In Progress	Speed of some Normaliz calls (NmzComputation)	Slug
635		Closed	Automatic mapping of RingElem (in operation with a compound value)	Design
610	0.88	Closed	Variable It: assign before or after printing	Design
579		In Progress	Prototype package for Linear Commutative Algebra	Feature
578	6.0	In Progress	Gaussian Elimination	Feature
557		New	CoCoAManual: improve part on input/output	Support
476		In Progress	Review utility of package IO	Design
474		In Progress	Eliminate package BinRepr	Design
465		New	Emacs UI; remove cruft	Slug
461		Rejected	New keyword "|->"? (same as "return")	Feature
448		New	EmacsUI Source/SourceRegion produce warning on Microsoft Windows 7 Ultimate	Support
368		In Progress	port SmithNormalForm (CoCoA-4)package to CoCoA-5	Feature
322	5.0	In Progress	Installation instructions (on website)	Support
242		In Progress	CoCoA-5 Projects for students (e.g. crediti F and tesi)	Support
216		In Progress	Janet Bases: port function into CoCoA-5	Feature
181		New	Functions throwing error even though (trivially) defined	Support
97		New	OpenOFile	Feature
83		In Progress	C++11 compatibility questions	Design
78	6.0	In Progress	Elim ordering and matrix ordering in CoCoA-5	Feature
31	10.0	In Progress	theValue makes copy	Slug
7		Resolved	Automatic mapping between (some) rings	Feature