

## CoCoA-5 - Issues

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1795	CoCoA-5		Normal	Makefile problem: needlessly relinks CoCoAInterpreter	John Abbott	18 Mar 2024 20:51	enhancing/improving	90
1794	CoCoA-5		Normal	Do not use random inside tests!!		10 May 2024 11:22	bug	70
1781	CoCoA-5		Urgent	GenReprCompute: SERIOUS ERROR	Anna Maria Bigatti	09 Feb 2024 08:16	bug	90
1772	CoCoA-5		Normal	Continued fraction: arg type RAT or RAT/INT?		28 Nov 2023 22:17	enhancing/improving	0
1766	CoCoA-5		Low	Emacs 29: Removal of obsolete entries	John Abbott	22 Dec 2023 11:35	EmacsUI	100
1760	CoCoA-5		Normal	Quitting can be slow	John Abbott	05 May 2024 20:49	Cleaning	100
1747	CoCoA-5		Normal	NewPolyRing with indices -- better interface?		29 Jun 2023 18:09	enhancing/improving	0
1746	CoCoA-5		Normal	ManExamples target: need to reset VerbosityLevel	Anna Maria Bigatti	10 May 2024 11:08	Cleaning	90
1745	CoCoA-5		Normal	Printing of Hilbert series via indent	John Abbott	22 Dec 2023 20:10	bug	100
1741	CoCoA-5		High	Documentation/Manual for HilbertFn		10 May 2023 20:49	Manual/documentation	20
1734	CoCoA-5		Normal	Fix call to HilbertPoly in test/TutHokkaido5	Anna Maria Bigatti	12 Apr 2023 14:44	bug	100
1724	CoCoA-5		Normal	New function: AdjacentMinors	Anna Maria Bigatti	14 Mar 2023 11:53	CoCoA-5 function: new	100
1718	CoCoA-5		Normal	FactorINT with time-out	John Abbott	22 Dec 2023 19:46	Renaming	100
1717	CoCoA-5		Urgent	CRASH: equality test to a FUNCTION	John Abbott	14 Dec 2022 16:23	bug	100
1714	CoCoA-5		Normal	IsDivisible error (in QuotRing)	John Abbott	14 Dec 2022 16:44	bug	100
1709	CoCoA-5		Normal	Test tut-CoCoLA2	Anna Maria Bigatti	19 Apr 2024 17:10	bug	100
1708	CoCoA-5		Normal	Linux: just 1 executable, should be 2 (with & without readline)		05 May 2024 19:15	Release	0
1701	CoCoA-5		Normal	Preliminary packages		18 Mar 2024 21:05	Release	10
1698	CoCoA-5		Normal	indent: return a string?	Anna Maria Bigatti	15 Mar 2023 07:30	enhancing/improving	100
1697	CoCoA-5		Normal	Specifying BOOST in configure	John Abbott	14 Dec 2022 22:33	Cleaning	100
1696	CoCoA-5		Normal	Which BOOST libs are actually needed?	John Abbott	09 Mar 2023 22:41	Cleaning	100
1695	CoCoA-5		Normal	boost-find-lib.sh	John Abbott	09 Mar 2023 22:42	Portability	100
1688	CoCoA-5		Normal	Release CoCoA 5.4.2		14 Feb 2023 21:29	Release	0
1686	CoCoA-5		Normal	Manual entry for random (see also)		09 Jun 2022 20:49	Manual/documentation	0
1681	CoCoA-5		Normal	Should Starting be case-insensitive?	Anna Maria Bigatti	22 Dec 2023 11:27	enhancing/improving	20
1679	CoCoA-5		Normal	BuiltinFunctions-GFan includes normaliz!?!?		20 Apr 2022 21:49	Cleaning	0

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1675	CoCoA-5		Urgent	Version 5.4.0 requires Visual C++ Runtime 2013 on Windows		31 Mar 2024 20:40	Portability	100
1671	CoCoA-5		Normal	Refactor C++ impl in OnlineHelp		11 Mar 2024 07:56	enhancing/improving	0
1663	CoCoA-5		Normal	GCDList not documented		31 May 2022 09:55	Manual/documentation	0
1659	CoCoA-5		Normal	Jordan Normal Form?		07 Feb 2022 17:57	CoCoA-5 function: new	0
1650	CoCoA-5		Normal	Potentially confusing prompt: waiting for semicolon		10 May 2024 10:33	Parser/Interpreter	70
1648	CoCoA-5		Normal	ApproxSolve and RationalSolve take different input		03 Feb 2022 19:08	Cleaning	0
1644	CoCoA-5		Normal	Allow user to choose whether to print finite field elems as symm residues or non-neg residue		03 Feb 2022 19:15	CoCoA-5 function: new	10
1640	CoCoA-5		Normal	MinSubsetOfGens does not find min subset	Anna Maria Bigatti	21 Jan 2022 10:10	bug	100
1639	CoCoA-5		Normal	RealRoots: crashes after interrupting		07 Dec 2021 20:26	bug	0
1638	CoCoA-5		Normal	MinSubsetOfGens sometimes very slow		06 Dec 2021 20:37	enhancing/improving	0
1636	CoCoA-5		Normal	Missing/Incomplete manual entries		30 Nov 2023 17:21	Manual/documentation	10
1631	CoCoA-5		Normal	Use filesystem::path instead of string (packageDir, CoCoAManFileName)		14 Jan 2022 10:27	enhancing/improving	0
1629	CoCoA-5		Normal	RingElem slow with many indets	Anna Maria Bigatti	22 Dec 2023 20:06	enhancing/improving	100
1626	CoCoA-5		Normal	NewMat: should be obsolescent?	John Abbott	19 Jan 2024 18:11	CoCoA-4 function: obsolete	90
1623	CoCoA-5		Low	EmacsUI: annoying colours	Anna Maria Bigatti	19 Jan 2024 16:50	EmacsUI	90
1621	CoCoA-5		Normal	Doc for the various BuiltIn files		18 Oct 2021 11:26	Manual/documentation	0
1616	CoCoA-5		Normal	UnivariateIndetIndex: remove cocoa-5 implementation and use CoCoALib's	Anna Maria Bigatti	19 Nov 2021 15:32	enhancing/improving	100
1604	CoCoA-5		Normal	SqFreeFactor crashes over non-perfect field		28 Sep 2022 15:00	bug	10
1603	CoCoA-5		Low	Unhelpful behaviour in "compatibility mode": double error mesg		08 May 2024 16:56	Parser/Interpreter	100
1587	CoCoA-5		Normal	Multiline string literals (again)	John Abbott	14 Mar 2023 21:52	Parser/Interpreter	100
1583	CoCoA-5		Normal	New fn ElapsedTimeFrom?		18 Mar 2024 21:27	enhancing/improving	0
1581	CoCoA-5		Normal	Slow sqfr: rad(f)		12 Oct 2021 09:22	enhancing/improving	0
1574	CoCoA-5		Normal	ApproxSolveTF		24 Sep 2021 22:29	bug	0
1573	CoCoA-5		Low	ApproxSolve: very imprecise	John Abbott	24 Sep 2021 22:26	enhancing/improving	100
1568	CoCoA-5		High	RMap and image: obsolescent?	Anna Maria Bigatti	17 Oct 2022 14:04	CoCoA-4 function: obsolete	40
1566	CoCoA-5		Normal	What does rad do?	Anna Maria Bigatti	08 May 2024 16:49	Manual/documentation	100
1564	CoCoA-5		Normal	Geometrical theorem proving package		19 Jan 2021 09:20	CoCoA-4 function to be added	0

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1560	CoCoA-5		Normal	elim for modules		03 Feb 2022 19:55	enhancing/improving	0
1556	CoCoA-5		Normal	DivAlg slower than NR	Anna Maria Bigatti	08 Jan 2021 11:20	enhancing/improving	10
1552	CoCoA-5		Normal	subst: not checking args properly		03 Feb 2022 19:07	bug	0
1551	CoCoA-5		Low	Emacs: avoid making buffer visible in 2 "windows"?		19 Apr 2021 14:11	EmacsUI	0
1549	CoCoA-5		Normal	Add sagbi package	Anna Maria Bigatti	18 Feb 2022 16:18	CoCoA-5 function: new	10
1548	CoCoA-5		Normal	Man page for UniversalGBasis	Anna Maria Bigatti	03 Feb 2022 20:18	Manual/documentation	0
1545	CoCoA-5		Low	CoeffOfTerm: in CoCoALibSupplement		11 Dec 2020 12:30	enhancing/improving	20
1544	CoCoA-5		Normal	CoCoA coding conventions for parser/interpreter?		11 Dec 2020 12:01	Parser/Interpreter	10
1541	CoCoA-5		Normal	foreach with ref to list entry?		15 Jan 2024 19:39	CoCoA-5 function: new	0
1539	CoCoA-5		High	Website: installation instructions for Microsoft	Anna Maria Bigatti	14 Mar 2023 11:56	Manual/documentation	100
1535	CoCoA-5		Normal	New functions: argmin, argmax		26 Nov 2020 15:52	CoCoA-5 function: new	10
1534	CoCoA-5		Immediate	Install CoCoA-5 on MacOS-10.15+		07 Oct 2022 14:35	Manual/documentation	50
1533	CoCoA-5		Low	RingElem and IndetSymbols not compatible		06 Nov 2020 13:56	enhancing/improving	10
1519	CoCoA-5		Normal	Interpreter fn Value::from can use std::move?		03 Feb 2022 19:54	enhancing/improving	0
1508	CoCoA-5		Normal	Initial ring		10 May 2024 10:50	enhancing/improving	50
1503	CoCoA-5		Normal	More flexible ring creation syntax (after use or ::=)		08 Oct 2020 14:16	enhancing/improving	0
1502	CoCoA-5		Normal	SystemCommand in Microsoft version	John Abbott	03 Feb 2022 19:46	bug	50
1496	CoCoA-5		Low	Use "special" names for variables inside tests	John Abbott	10 May 2024 11:07	enhancing/improving	100
1486	CoCoA-5		Low	Emacs UI: indentation in a package		12 Nov 2021 11:19	EmacsUI	10
1480	CoCoA-5		Normal	Documentation for making ring with parameters		03 Feb 2022 20:18	Manual/documentation	0
1477	CoCoA-5		Normal	Packages: questions from Andraschko	John Abbott	14 Mar 2023 21:57	enhancing/improving	100
1476	CoCoA-5		Normal	Lin alg with polys		06 Aug 2020 15:03	CoCoA-5 function: new	0
1475	CoCoA-5		Normal	HilbertSeries: make into proper rational function		03 Feb 2022 19:54	enhancing/improving	0
1474	CoCoA-5		High	Website: link to JSAG?		16 Feb 2022 20:27	Release	0
1469	CoCoA-5		Normal	Get indexed indets from a polyring		19 Jan 2021 12:39	CoCoA-5 function: new	0
1456	CoCoA-5		Normal	IntersectList or IntersectionList		15 Mar 2024 18:24	Renaming	0
1454	CoCoA-5		Normal	Filenames in release CoCoAManual/html containing [obsolete]	Anna Maria Bigatti	03 Feb 2022 20:17	Manual/documentation	0
1453	CoCoA-5		Normal	Use symbolic links for release files		03 Feb 2022 19:39	Release	0
1445	CoCoA-5		Normal	Automatic way to produce statically linked CoCoAInterpreter		03 Feb 2022 19:38	Release	0

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1440	CoCoA-5		Low	Surprising parser error: INT+DOT+IDENTIFIER		04 Nov 2021 23:10	Parser/Interpreter	0
1432	CoCoA-5		Normal	Emacs UI: cocoa5-shell-check-process vs. process-status		05 Nov 2021 16:32	EmacsUI	0
1430	CoCoA-5		Normal	HTML manual: search using keywords?		04 Nov 2021 23:17	Manual/documentation	0
1429	CoCoA-5		Normal	Stack overflow reading long list (SEGV)		19 Apr 2021 14:14	enhancing/improving	0
1425	CoCoA-5		Normal	MakeTerm: implement in C++		03 Feb 2022 19:22	enhancing/improving	0
1418	CoCoA-5		Normal	Manual entry for NewPolyRing		03 Feb 2022 20:16	Manual/documentation	0
1415	CoCoA-5		Normal	thmproving package	Anna Maria Bigatti	13 Jun 2022 15:31	CoCoA-4 function to be added	60
1393	CoCoA-5		Normal	GUI with Qt5	Ulrich von der Ohe	30 Nov 2022 22:07	GUI	90
1373	CoCoA-5		Normal	GFan also for Microsoft?	Anna Maria Bigatti	17 Oct 2022 13:59	Portability	10
1372	CoCoA-5		Normal	New function: find ?	Anna Maria Bigatti	04 Nov 2021 23:01	CoCoA-5 function: new	10
1365	CoCoA-5		Normal	Package Edgeldeal not documented		03 Feb 2022 20:16	Manual/documentation	0
1350	CoCoA-5		Normal	CoCoA manual: entry for operators, shortcuts		05 Feb 2022 20:35	Manual/documentation	0
1320	CoCoA-5		Normal	CoCoA-5 manual: incorrect empty line in syntax box (in PDF file)		04 Nov 2021 23:16	Manual/documentation	0
1313	CoCoA-5		Normal	Automatic conversion from RINGELEM to INT		03 Feb 2022 19:21	enhancing/improving	0
1293	CoCoA-5		Low	Vim Plugin for CoCoA		24 Sep 2021 21:47	GUI	70
1292	CoCoA-5		Normal	Interpreter: fns which accept INT or RAT		03 Feb 2022 19:33	Parser/Interpreter	0
1262	CoCoA-5		Normal	Split BuiltinFunctions-CoCoALib.C into smaller files		03 Feb 2022 19:53	enhancing/improving	30
1252	CoCoA-5		Normal	ShapeLemma: no manual entry		03 Feb 2022 20:16	Manual/documentation	0
1245	CoCoA-5		Normal	Online manual entry for RingElem needs to be improved		03 Feb 2022 20:15	Manual/documentation	0
1244	CoCoA-5		Normal	MSatLinSolve: req minor improvements		03 Feb 2022 20:14	enhancing/improving	10
1241	CoCoA-5		Normal	GDPR: website, mailing list		05 Feb 2022 20:34	Manual/documentation	0
1237	CoCoA-5		Normal	ker: for PolyAlgHom from QQ[x,y,z] to QQ(t)		10 Jun 2021 18:06	enhancing/improving	0
1229	CoCoA-5		Normal	append is slow		04 Nov 2021 20:28	bug	0
1228	CoCoA-5		High	SLUG: filling an array	John Abbott	03 Feb 2022 19:42	bug	30
1204	CoCoA-5		Normal	MinPoly for matrix: fix in cocoa5 and export to cocoa5		03 Feb 2022 19:21	enhancing/improving	0
1192	CoCoA-5		Normal	RealRoots: rational roots (but not binary rational roots)		04 Nov 2021 20:29	Cleaning	0
1171	CoCoA-5		Normal	RealRoots: first point is sometimes wrong?	John Abbott	14 Mar 2023 22:01	bug	100
1146	CoCoA-5		Low	Use Flatpak and/or Snap on Linux?		06 Oct 2020 15:55	Portability	0
1141	CoCoA-5		Low	IsInRadical: for monomial ideals		15 May 2020 10:53	enhancing/improving	0

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1112	CoCoA-5		Normal	New function: isEmpty	Anna Maria Bigatti	22 Dec 2023 19:21	CoCoA-5 function: new	100
1104	CoCoA-5		Normal	Eigenvectors: inconsistent return type	John Abbott	03 Feb 2022 19:20	enhancing/improving	10
1079	CoCoA-5		Normal	CoCoAManual: AffHilbertFn accepts also ideal (correct?)		08 May 2023 20:44	Manual/documentation	20
1075	CoCoA-5		Low	LaTeX package: power-product printing	Anna Maria Bigatti	22 Dec 2023 19:30	enhancing/improving	100
1072	CoCoA-5		Normal	syz: apply to ModuleElem?	Anna Maria Bigatti	26 Mar 2024 17:12	enhancing/improving	100
1071	CoCoA-5		Normal	LinKerBasis is user-unfriendly		03 Feb 2022 19:54	enhancing/improving	10
1041	CoCoA-5		Normal	Separators for elements of a list		04 Jan 2024 10:14	enhancing/improving	10
985	CoCoA-5		Normal	Microsoft (Windows 10, maybe other versions): more help for installation	Anna Maria Bigatti	16 Feb 2022 20:26	EmacsUI	10
977	CoCoA-5		Normal	"universal denominator" (related with GroebnerFanIdeals)		03 Feb 2022 19:11	CoCoA-4 function to be added	20
948	CoCoA-5		Normal	radical is slow (compared to singular) on these examples	Anna Maria Bigatti	22 Dec 2023 20:12	enhancing/improving	100
946	CoCoA-5		Urgent	Function "ideal" evaluates the argument twice	Anna Maria Bigatti	23 Feb 2022 12:14	Parser/Interpreter	80
929	CoCoA-5		Normal	Clean up CoCoALibSupplement	Anna Maria Bigatti	03 Feb 2022 19:48	Cleaning	20
912	CoCoA-5		Urgent	Add TUTORIALs to online manual		17 Oct 2022 14:02	Manual/documentation	80
865	CoCoA-5		Normal	Implicit: make easier to use with rational functions	Anna Maria Bigatti	03 Feb 2022 19:20	enhancing/improving	0
823	CoCoA-5		Normal	NewPolyRing with weights -- better interface?	Anna Maria Bigatti	18 Mar 2024 21:39	enhancing/improving	100
750	CoCoA-5		Normal	C5 GUI: very slow when printing many short lines	John Abbott	07 Oct 2022 11:06	GUI	100
723	CoCoA-5		Normal	Referring to indets with multiple indices from a polyring		12 Feb 2021 12:16	enhancing/improving	0
716	CoCoA-5		Low	NotBuiltin.cpkg5: indent for MODULE		06 Oct 2022 20:00	enhancing/improving	10
709	CoCoA-5		High	Speed of some Normaliz calls (NmzComputation)		03 Feb 2022 19:23	External Libs	10
635	CoCoA-5		High	Automatic mapping of RingElem (in operation with a compound value)	John Abbott	14 Mar 2023 14:59	enhancing/improving	100
610	CoCoA-5		Low	Variable lt: assign before or after printing	John Abbott	10 May 2024 11:16	enhancing/improving	100
579	CoCoA-5		Normal	Prototype package for Linear Commutative Algebra	Elisa Palezzato	15 May 2020 10:27	CoCoA-5 function: new	10
578	CoCoA-5		Normal	Gaussian Elimination		15 May 2020 10:26	CoCoA-5 function: new	10
557	CoCoA-5		Normal	CoCoAManual: improve part on input/output	Anna Maria Bigatti	03 Feb 2022 20:15	Manual/documentation	0
476	CoCoA-5		Low	Review utility of package IO	Anna Maria Bigatti	03 Feb 2022 19:09	Cleaning	40

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474	CoCoA-5		Urgent	Eliminate package BinRepr	Anna Maria Bigatti	03 Feb 2022 19:47	Cleaning	50
465	CoCoA-5		Normal	Emacs UI; remove cruft		13 Nov 2020 11:17	Cleaning	0
461	CoCoA-5		Normal	New keyword " ->"? (same as "return")	John Abbott	26 Sep 2022 16:23	Parser/Interpreter	100
448	CoCoA-5		Low	EmacsUI Source/SourceRegion produce warning on Microsoft Windows 7 Ultimate		03 Feb 2022 19:51	EmacsUI	0
368	CoCoA-5		Normal	port SmithNormalForm (CoCoA-4)package to CoCoA-5	Anna Maria Bigatti	22 Jan 2024 10:37	CoCoA-4 function to be added	10
322	CoCoA-5		High	Installation instructions (on website)	Anna Maria Bigatti	13 Jun 2022 15:32	Manual/documentation	60
242	CoCoA-5		Normal	CoCoA-5 Projects for students (e.g. crediti F and tesi)		21 Oct 2022 15:53	CoCoA-5 function: new	10
216	CoCoA-5		Normal	Janet Bases: port function into CoCoA-5		05 Nov 2021 16:12	CoCoA-5 function: new	20
181	CoCoA-5		Low	Functions throwing error even though (trivially) defined		04 Nov 2021 23:09	Manual/documentation	10
97	CoCoA-5		Normal	OpenOFile		05 May 2024 20:44	Parser/Interpreter	0
83	CoCoA-5		Normal	C++11 compatibility questions		03 Feb 2022 19:59	Portability	40
78	CoCoA-5		High	Elim ordering and matrix ordering in CoCoA-5	Anna Maria Bigatti	28 Mar 2024 07:25	CoCoA-4 function to be added	50
31	CoCoA-5		Normal	theValue makes copy	Anna Maria Bigatti	18 Feb 2022 16:42	Parser/Interpreter	60
7	CoCoA-5		High	Automatic mapping between (some) rings	Anna Maria Bigatti	10 Mar 2023 17:08	Parser/Interpreter	80