CoCoA-5 - CoCoA-5 Open Issues

#	Target version	Status	Priority	Subject	Updated	% Done	Assignee
None (11)							
1751		In Progress	Normal	Manual of functions vs ManExamples	03 Jul 2023 20:54	10	Anna Maria Bigatti
1593		New	Normal	CanonicalHom	07 May 2021 08:20	0	
1586		In Progress	Normal	Profiling with clang	02 Apr 2021 09:28	10	Anna Maria Bigatti
1304		New	Low	Hermite normal form	29 Aug 2019 14:43	0	
1175		New	Normal	intersection	05 Apr 2018 09:29	0	
770	CoCoA-5.?.?	New	Normal	CoCoA type "cone"	22 May 2017 14:12	0	
633	CoCoA-5.?.?	New	Normal	New operations? ScalarProduct(MODULELEM,LIST), MATRIX * MODULELEM	17 Mar 2017 10:55	0	
453	CoCoA-5.?.?	In Progress	Normal	Automatic conversion from INT (or RAT) to RINGELEM	02 Sep 2014 11:15	20	
422	CoCoA-5.?.?	New	Normal	Bug or feature for protected name? (Use command)	04 Apr 2014 15:09	0	
421	CoCoA-5.?.?	New	Normal	Allow user to give a name to a ring (in C5)	18 Jul 2014 15:05	10	
230	CoCoA-5.?.?	New	Normal	More curiously slow code -- squaring a polynomial	04 Apr 2014 15:10	0	
bug (10)							
1794	CoCoA-5.4.2	In Progress	Normal	Strange bug: demo-Osaka2015	21 Mar 2024 09:39	10	
1781	CoCoA-5.4.2	Feedback	Urgent	GenReprCompute: SERIOUS ERROR	09 Feb 2024 08:16	90	Anna Maria Bigatti
1639	CoCoA-5.4.2	New	Normal	RealRoots: crashes after interrupting	07 Dec 2021 20:26	0	
1604	CoCoA-5.4.2	In Progress	Normal	SqFreeFactor crashes over non-perfect field	28 Sep 2022 15:00	10	
1574	CoCoA-5.4.2	New	Normal	ApproxSolveTF	24 Sep 2021 22:29	0	
1552	CoCoA-5.4.2	New	Normal	subst: not checking args properly	03 Feb 2022 19:07	0	
1502	CoCoA-5.4.2	In Progress	Normal	SystemCommand in Microsoft version	03 Feb 2022 19:46	50	John Abbott
1406	CoCoA-5.4.4	New	Normal	Poor memory management?	15 Jan 2024 19:51	0	
1229	CoCoA-5.4.2	New	Normal	append is slow	04 Nov 2021 20:28	0	
1228	CoCoA-5.4.2	In Progress	High	SLUG: filling an array	03 Feb 2022 19:42	30	John Abbott
Cleaning (15)							
1760	CoCoA-5.4.2	In Progress	Normal	Quitting can be slow	06 Aug 2023 12:16	50	
1746	CoCoA-5.4.2	Feedback	Normal	ManExamples target: need t reset VerbosityLevel	22 Dec 2023 20:09	90	Anna Maria Bigatti
1679	CoCoA-5.4.2	New	Normal	BuiltinFunctions-GFan includes normaliz?!?	20 Apr 2022 21:49	0	
1648	CoCoA-5.4.2	New	Normal	ApproxSolve and RationalSolve take different input	03 Feb 2022 19:08	0	

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1351	CoCoA-5.?.?	New	Normal	Clean up package points.cpkg	25 Oct 2019 13:34	0	
1192	CoCoA-5.4.2	New	Normal	RealRoots: rational roots (but not binary rational roots)	04 Nov 2021 20:29	0	
989	CoCoA-5.?.?	In Progress	Normal	init file obligatory?	01 Dec 2016 11:36	10	
929	CoCoA-5.4.2	In Progress	Normal	Clean up CoCoALibSupplement	03 Feb 2022 19:48	20	Anna Maria Bigatti
491	CoCoA-5.?.?	In Progress	Normal	Cleaning: Cruft in CoCoA-5 packages	25 Jul 2018 14:26	20	
480	CoCoA-5.?.?	New	Normal	gcd too slow for large degree univariate poly	30 Oct 2019 22:44	0	
477	CoCoA-5.?.?	New	Normal	Eliminate keyword Alias?	04 Apr 2014 14:31	0	
476	CoCoA-5.4.2	In Progress	Low	Review utility of package IO	03 Feb 2022 19:09	40	Anna Maria Bigatti
474	CoCoA-5.4.2	In Progress	Urgent	Eliminate package BinRepr	03 Feb 2022 19:47	50	Anna Maria Bigatti
465	CoCoA-5.4.2	New	Normal	Emacs UI; remove cruft	13 Nov 2020 11:17	0	
376	CoCoA-5.?.?	In Progress	Normal	Hilbert: Redesign hp.cpkg5 and public functions in TmpHilbert.C	06 Aug 2020 12:21	10	Anna Maria Bigatti
CoCoA-4 function to be added (17)							
1564	CoCoA-5.4.2	New	Normal	Geometrical theorem proving package	19 Jan 2021 09:20	0	
1415	CoCoA-5.4.2	In Progress	Normal	thmproving package	13 Jun 2022 15:31	60	Anna Maria Bigatti
1246	CoCoA-5.4.4	Feedback	Urgent	Revive old CoCoA4 package called "cocoa5.cpkg"	14 Mar 2023 11:58	90	Anna Maria Bigatti
977	CoCoA-5.4.2	In Progress	Normal	"universal denominator" (related with GroebnerFanIdeals)	03 Feb 2022 19:11	20	
960	CoCoA-5.?.?	New	Normal	New function: IdealAndSeparatorsOfPoints	02 Nov 2016 18:06	0	
702	CoCoA-5.?.?	New	Normal	Add more operations for modules	15 May 2015 09:05	0	Anna Maria Bigatti
614	CoCoA-5.?.?	In Progress	Normal	Add functions based on MayerVietorisTree	04 Sep 2014 14:05	10	Anna Maria Bigatti
512	CoCoA-5.?.?	New	Normal	Resurrect MakeCheck()	28 Jul 2014 16:20	0	Anna Maria Bigatti
501	CoCoA-5.?.?	New	Normal	Toric: resurrect function TestSet (and find betterr name for it?)	09 Apr 2014 15:53	0	Anna Maria Bigatti
487	CoCoA-5.?.?	New	Normal	ScalarProduct accepts MatrixRow?	18 Jun 2019 15:22	0	
454	CoCoA-5.?.?	New	Normal	interpolate	04 Apr 2014 16:24	0	John Abbott
412	CoCoA-5.?.?	In Progress	Normal	intersection (all lower case)	28 Jul 2014 17:41	20	Anna Maria Bigatti
388	CoCoA-5.?.?	New	High	port optimized resolutions to CoCoA-5	02 Jul 2014 16:13	0	Anna Maria Bigatti

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368	CoCoA-5.4.2	In Progress	Normal	port SmithNormalForm (CoCoA-4)package to CoCoA-5	22 Jan 2024 10:37	10	Anna Maria Bigatti
175	CoCoA-5.4.4	In Progress	Normal	Approximate BuchbergerMoeller: port to CoCoA-5	14 Mar 2023 22:12	70	Anna Maria Bigatti
171	CoCoA-5.?.?	New	High	Negate LIST, MAT,...	04 Apr 2014 16:27	0	
78	CoCoA-5.4.2	In Progress	High	Elim ordering and matrix ordering in CoCoA-5	28 Mar 2024 07:25	50	Anna Maria Bigatti
CoCoA-4 function: obsolete (2)							
1626	CoCoA-5.4.2	Feedback	Normal	NewMat: should be obsolescent?	19 Jan 2024 18:11	90	John Abbott
1568	CoCoA-5.4.2	In Progress	High	RMap and image: obsolescent?	17 Oct 2022 14:04	40	Anna Maria Bigatti
CoCoA-5 function: new (32)							
1806	CoCoA-5.4.4	New	Normal	New function ModuleElems? (like RingElems(RING, STRING))	26 Mar 2024 13:44	0	
1732	CoCoA-5.4.4	New	Normal	EvalPolyAtMat	28 Mar 2023 16:35	0	
1659	CoCoA-5.4.2	New	Normal	Jordan Normal Form?	07 Feb 2022 17:57	0	
1644	CoCoA-5.4.2	In Progress	Normal	Allow user to choose whether to print finite field elems as symm residues or non-neg residue	03 Feb 2022 19:15	10	
1596	CoCoA-5.4.4	Resolved	Normal	Add CoCoA5 function NmzHilbertBasisKer	14 Mar 2023 14:59	80	Anna Maria Bigatti
1549	CoCoA-5.4.2	In Progress	Normal	Add sagbi package	18 Feb 2022 16:18	10	Anna Maria Bigatti
1541	CoCoA-5.4.2	New	Normal	foreach with ref to list entry?	15 Jan 2024 19:39	0	
1535	CoCoA-5.4.2	In Progress	Normal	New functions: argmin, argmax	26 Nov 2020 15:52	10	
1476	CoCoA-5.4.2	New	Normal	Lin alg with polys	06 Aug 2020 15:03	0	
1469	CoCoA-5.4.2	New	Normal	Get indexed indets from a polyring	19 Jan 2021 12:39	0	
1372	CoCoA-5.4.2	In Progress	Normal	New function: find ?	04 Nov 2021 23:01	10	Anna Maria Bigatti
1305	CoCoA-5.?.?	New	Normal	Create a directory	02 Sep 2019 16:31	10	
1285	CoCoA-5.?.?	New	Normal	New Fn: make a homogeneous list of ringelem	23 May 2019 11:53	0	
1153	CoCoA-5.?.?	New	Normal	New function: gin for algebraic extensions	25 Jul 2018 15:36	0	Anna Maria Bigatti
1107	CoCoA-5.?.?	New	Normal	CoCoA Online: install (using InteractiveShell)	16 Oct 2017 16:54	10	Anna Maria Bigatti
993	CoCoA-5.?.?	In Progress	Normal	New function: RingQQi()? extension of QQ with imaginary unit	13 Nov 2017 15:05	0	
980	CoCoA-5.?.?	In Progress	Normal	CoeffSize: function to measure the size of coeffs in a poly	28 Nov 2023 22:29	20	

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964	CoCoA-5.?.?	New	Normal	New function: MakeMultiset?	25 Jul 2018 15:35	0	Anna Maria Bigatti
753	CoCoA-5.?.?	New	Normal	New function: LeastDegPolynomial (LDP)	30 Jul 2015 17:29	0	
737	CoCoA-5.?.?	In Progress	Low	Elementary transcendental functions (sin, cos, tan, log, exp)	20 Mar 2017 09:00	50	
731	CoCoA-5.?.?	In Progress	Normal	Primary Decomposition in CoCoA-5	02 Oct 2017 13:30	10	
626	CoCoA-5.?.?	New	Normal	Output Betti numbers	17 Sep 2014 13:11	0	
579	CoCoA-5.4.2	In Progress	Normal	Prototype package for Linear Commutative Algebra	15 May 2020 10:27	10	Elisa Palezzato
578	CoCoA-5.4.2	In Progress	Normal	Gaussian Elimination	15 May 2020 10:26	10	
504	CoCoA-5.?.?	In Progress	Normal	New operators: += -= *= /=	25 Oct 2019 11:55	20	John Abbott
492	CoCoA-5.?.?	New	Normal	New C5 fn for adjusting the warning level	22 Jul 2014 12:38	0	
483	CoCoA-5.?.?	New	Normal	Unique copies of rings in CoCoA-5	04 Apr 2014 16:42	0	
451	CoCoA-5.?.?	In Progress	Normal	Port function NewSymbol/NewSymbols to CoCoA-5	09 Nov 2015 15:29	10	
274	CoCoA-5.?.?	In Progress	Normal	InputForm for output readable as input	04 Apr 2014 16:43	10	Anna Maria Bigatti
242	CoCoA-5.4.2	In Progress	Normal	CoCoA-5 Projects for students (e.g. crediti F and tesi)	21 Oct 2022 15:53	10	
235	CoCoA-5.?.?	New	Normal	Add LucasTest to cocoa5?	04 Apr 2014 16:38	0	
216	CoCoA-5.4.2	In Progress	Normal	Janet Bases: port function into CoCoA-5	05 Nov 2021 16:12	20	
EmacsUI (19)							
1623	CoCoA-5.4.2	Feedback	Low	EmacsUI: annoying colours	19 Jan 2024 16:50	90	Anna Maria Bigatti
1551	CoCoA-5.4.2	New	Low	Emacs: avoid making buffer visible in 2 "windows"?	19 Apr 2021 14:11	0	
1486	CoCoA-5.4.2	In Progress	Low	Emacs UI: indentation in a package	12 Nov 2021 11:19	10	
1432	CoCoA-5.4.2	New	Normal	Emacs UI: cocoa5-shell-check-process vs. process-status	05 Nov 2021 16:32	0	
1363	CoCoA-5.4.4	In Progress	Normal	Emacs UI: slow with long lines	15 Jan 2024 19:32	10	
1076	CoCoA-5.?.?	New	Low	EmacsUI: interrupt copies line cursor is on to bottom then interrupts	12 Jun 2017 18:27	0	
985	CoCoA-5.4.2	New	Normal	Microsoft (Windows 10, maybe other versions): more help for installation	16 Feb 2022 20:26	10	Anna Maria Bigatti
772	CoCoA-5.?.?	In Progress	Low	Emacs UI: send-region and send-line make sense inside a cpkg5 file?	08 Sep 2015 12:49	20	
727	CoCoA-5.4.2	New	Low	Emacs UI: send-file (C-c C-f) should check if buffer and file are synchronized	09 Feb 2021 15:22	0	
671	CoCoA-5.?.?	New	Low	Emacs UI: swapped splitting	09 Mar 2015 13:49	0	Anna Maria Bigatti
663	CoCoA-5.?.?	New	Low	Emacs UI: C-c C-\ copies line cursor is on	04 Feb 2015 13:19	0	
660	CoCoA-5.?.?	New	Low	Emacs UI: endfunc does not indent the line	04 Mar 2020 22:06	0	
653	CoCoA-5.?.?	New	Low	Emacs UI: use "warning colour" for an unmatched */	04 Dec 2014 15:39	0	

#	Target version	Status	Priority	Subject	Updated	% Done	Assignee
469	CoCoA-5.4.4	Resolved	Low	Emacs UI: keywords in multiline comments	15 Jan 2024 19:49	20	
468	CoCoA-5.?.?	New	Low	Emacs UI: indentation is wrong after ?keyword	17 Apr 2014 18:47	0	
448	CoCoA-5.4.2	New	Low	EmacsUI Source/SourceRegion produce warning on Microsoft Windows 7 Ultimate	03 Feb 2022 19:51	0	
434	CoCoA-5.?.?	New	Normal	Emacs UI: very slow when input file is big (with long lines)	09 Apr 2014 15:52	0	
424	CoCoA-5.?.?	In Progress	Low	Emacs UI: Name of emacs init file	22 Jul 2014 11:21	10	Anna Maria Bigatti
148	CoCoA-5.?.?	In Progress	Normal	C-c C-p in emacs goes to wrong line	06 Oct 2022 20:15	20	
enhancing/improving (70)							
1795	CoCoA-5.4.2	Feedback	Normal	Makefile problem: needlessly relinks CoCoAInterpreter	18 Mar 2024 20:51	90	John Abbott
1772	CoCoA-5.4.2	New	Normal	Continued fraction: arg type RAT or RAT/INT?	28 Nov 2023 22:17	0	
1762	CoCoA-5.4.4	New	Normal	CoCoA web site "analytics"	21 Aug 2023 18:20	10	Anna Maria Bigatti
1752	CoCoA-5.4.4	New	Normal	Make it easy to run the tests in a public/distrib version	06 Jul 2023 12:14	0	
1747	CoCoA-5.4.2	New	Normal	NewPolyRing with indices -- better interface?	29 Jun 2023 18:09	0	
1731	CoCoA-5.4.4	In Progress	Normal	Verbosity level in CoCoA5	11 May 2023 07:34	70	Anna Maria Bigatti
1728	CoCoA-5.4.4	In Progress	Normal	Refine Poset impl & doc	21 Mar 2023 03:33	10	
1722	CoCoA-5.?.?	In Progress	Low	Daft slug	27 Feb 2023 12:57	20	
1681	CoCoA-5.4.2	In Progress	Normal	Should Starting be case-insensitive?	22 Dec 2023 11:27	20	Anna Maria Bigatti
1671	CoCoA-5.4.2	New	Normal	Refactor C++ impl in OnlineHelp	11 Mar 2024 07:56	0	
1638	CoCoA-5.4.2	New	Normal	MinSubsetOfGens sometimes very slow	06 Dec 2021 20:37	0	
1634	CoCoA-5.4.2	New	Normal	Unexpected or unhelpful error using GroebnerFanIdeals	23 Nov 2021 17:15	0	
1631	CoCoA-5.4.2	New	Normal	Use filesystem::path instead of string (packageDir, CoCoAManFileName)	14 Jan 2022 10:27	0	
1624	CoCoA-5.4.4	New	Normal	CantStop playing CantStop	15 Jan 2024 19:55	0	
1622	CoCoA-5.4.4	New	Normal	BuiltinOneLiners -- less precise location in error messages	18 Mar 2024 21:16	0	
1583	CoCoA-5.4.2	New	Normal	New fn ElapsedTimeFrom?	18 Mar 2024 21:27	0	
1581	CoCoA-5.4.2	New	Normal	Slow sqfr: rad(f)	12 Oct 2021 09:22	0	
1578	CoCoA-5.4.4	New	Normal	SLUG: RationalSolve slow and stupid	15 Jan 2024 19:27	0	
1560	CoCoA-5.4.2	New	Normal	elim for modules	03 Feb 2022 19:55	0	
1556	CoCoA-5.4.2	New	Normal	DivAlg slower than NR	08 Jan 2021 11:20	10	Anna Maria Bigatti
1545	CoCoA-5.4.2	New	Low	CoeffOfTerm: in CoCoALibSupplement	11 Dec 2020 12:30	20	
1533	CoCoA-5.4.2	In Progress	Low	RingElem and IndetSymbols not compatible	06 Nov 2020 13:56	10	

#	Target version	Status	Priority	Subject	Updated	% Done	Assignee
1519	CoCoA-5.4.2	New	Normal	Interpreter fn Value::from can use std::move?	03 Feb 2022 19:54	0	
1508	CoCoA-5.4.2	In Progress	Normal	Initial ring	04 Nov 2021 23:04	20	
1503	CoCoA-5.4.2	New	Normal	More flexible ring creation syntax (after use or ::=)	08 Oct 2020 14:16	0	
1496	CoCoA-5.4.2	In Progress	Low	Use "special" names for variables inside tests	12 Nov 2021 10:06	10	
1475	CoCoA-5.4.2	New	Normal	HilbertSeries: make into proper rational function	03 Feb 2022 19:54	0	
1429	CoCoA-5.4.2	New	Normal	Stack overflow reading long list (SEGV)	19 Apr 2021 14:14	0	
1425	CoCoA-5.4.2	New	Normal	MakeTerm: implement in C++	03 Feb 2022 19:22	0	
1403		In Progress	Normal	RingID: remove this function?	24 Jan 2020 21:20	10	
1313	CoCoA-5.4.2	New	Normal	Automatic conversion from RINGELEM to INT	03 Feb 2022 19:21	0	
1296	CoCoA-5.?.?	In Progress	Normal	Matrixrow-functions	18 Jun 2019 15:15	10	
1291	CoCoA-5.?.?	New	Low	LinearSimplify: somtimes not optimal	27 May 2019 21:17	0	
1275	CoCoA-5.?.?	New	Low	incr and decr are slow	29 Apr 2019 17:53	0	
1271	CoCoA-5.?.?	In Progress	Normal	Allow Interruption of printing?	17 Apr 2019 10:17	10	
1262	CoCoA-5.4.2	In Progress	Normal	Split BuiltinFunctions-CoCoALib.C into smaller files	03 Feb 2022 19:53	30	
1244	CoCoA-5.4.2	In Progress	Normal	MSatLinSolve: req minor improvements	03 Feb 2022 20:14	10	
1237	CoCoA-5.4.2	New	Normal	ker: for PolyAlgHom from QQ[x,y,z] to QQ(t)	10 Jun 2021 18:06	0	
1204	CoCoA-5.4.2	New	Normal	MinPoly for matrix: fix in cocoalib and export to cocoa5	03 Feb 2022 19:21	0	
1141	CoCoA-5.4.2	New	Low	IsInRadical: for monomial ideals	15 May 2020 10:53	0	
1138	CoCoA-5.?.?	New	Normal	Latex: matrix	11 Dec 2017 16:45	0	Anna Maria Bigatti
1129	CoCoA-5.?.?	In Progress	Normal	Generic Timeout for CoCoA-5?	28 Nov 2017 18:06	10	
1116	CoCoA-5.?.?	New	Normal	Port RowMat, ColMat, MatByRows,... to CoCoA-5	01 Oct 2019 14:40	0	Anna Maria Bigatti
1104	CoCoA-5.4.2	In Progress	Normal	Eigenvectors: inconsistent return type	03 Feb 2022 19:20	10	John Abbott
1071	CoCoA-5.4.2	In Progress	Normal	LinKerBasis is user-unfriendly	03 Feb 2022 19:54	10	
1068	CoCoA-5.?.?	In Progress	Normal	PolyRing constructor: NewOrdvArith computed twice	21 Mar 2024 11:55	10	
1041	CoCoA-5.4.2	In Progress	Normal	Separators for elements of a list	04 Jan 2024 10:14	10	
1034	CoCoA-5.?.?	New	Low	Improve error message when args to (infix operator) IsIn have incompatible types	17 Mar 2017 13:19	0	
1025	CoCoA-5.?.?	In Progress	Normal	Example of slow LEX GBasis computation	15 Nov 2017 14:57	10	
1003	CoCoA-5.?.?	In Progress	Normal	New syntax for creating poly rings?	27 Jan 2017 15:54	10	
984	CoCoA-5.?.?	New	Normal	GroebnerFanIdeals: order matrices sometimes have "large" entries	22 Nov 2021 20:19	0	
941	CoCoA-5.?.?	New	Normal	Improve coverage of CoCoA-5 tests	10 Oct 2016 21:09	0	
917	CoCoA-5.?.?	New	Normal	CallOnGroebnerFanIdeals: better to use an iterator (or a "stream")	26 Nov 2016 17:46	0	
916	CoCoA-5.?.?	New	Normal	use command: unhelpful error if you use := instead of ::=	20 Oct 2020 17:50	0	

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888	CoCoA-5.?.?	New	Normal	Escaped newline to allow a long line to be split into several "physical lines"	07 Jun 2016 00:26	0	
879	CoCoA-5.?.?	New	Normal	LOGAR: make CoCoA-5 easier to use	09 May 2016 15:30	0	
876	CoCoA-5.?.?	New	Normal	subst: allowed also for indets in the coeff ring	07 May 2016 13:59	0	
875	CoCoA-5.?.?	In Progress	Normal	Interpreter is too slow reading a big polynomial	20 Oct 2020 18:05	10	
865	CoCoA-5.4.2	New	Normal	Implicit: make easier to use with rational functions	03 Feb 2022 19:20	0	Anna Maria Bigatti
862	CoCoA-5.?.?	New	Normal	append has bad complexity	05 Apr 2016 13:40	0	
857	CoCoA-5.?.?	New	Low	floor, ceil, and NearestInt for RingElem in CoCoA-5?	21 Feb 2019 09:17	0	
723	CoCoA-5.4.2	New	Normal	Referring to indets with multiple indices from a polyring	12 Feb 2021 12:16	0	
716	CoCoA-5.4.2	In Progress	Low	NotBuiltin.cpkg5: indent for MODULE	06 Oct 2022 20:00	10	
659	CoCoA-5.?.?	New	Low	Ring ID: separate index values for "system created rings"?	23 Jan 2015 14:11	0	
657	CoCoA-5.?.?	New	Low	use command, ring syntax, RingOf	20 Jan 2015 20:32	0	
656	CoCoA-5.?.?	New	Normal	eval: in which ring should the result be?	20 Jan 2015 20:25	0	
655	CoCoA-5.?.?	New	Normal	MakeSet can be very slow	20 Jan 2015 17:12	0	
646	CoCoA-5.?.?	New	Normal	Unique copies of free modules?	10 Nov 2014 16:42	0	
610	CoCoA-5.4.2	New	Low	Variable It: assign before or after printing	04 Nov 2021 20:34	0	
600	CoCoA-5.?.?	New	Normal	efficient subalgebras	30 Jul 2014 17:29	0	Anna Maria Bigatti
External Libs (3)							
720	CoCoA-5.?.?	New	Normal	External libs: specifying I/O streams (initialization?)	22 May 2015 14:14	0	
712	CoCoA-5.?.?	In Progress	Normal	External Libs: missing dependencies in Makefiles	01 Oct 2019 14:31	10	John Abbott
709	CoCoA-5.4.2	In Progress	High	Speed of some Normaliz calls (NmzComputation)	03 Feb 2022 19:23	10	
GUI (12)							
1713	CoCoA-5.?.?	In Progress	Low	Windows: Qt-Gui does not link correctly	25 Feb 2024 20:42	50	Nico Mexis
1393	CoCoA-5.4.2	Feedback	Normal	GUI with Qt5	30 Nov 2022 22:07	90	Ulrich von der Ohe
1293	CoCoA-5.4.2	Resolved	Low	Vim Plugin for CoCoA	24 Sep 2021 21:47	70	
1093	CoCoA-5.?.?	In Progress	Low	GUI: bugs and slugs	18 Aug 2022 15:36	10	John Abbott
611	CoCoA-5.?.?	New	Low	GUI: qutting provokes Imminent Disaster	28 Feb 2024 21:24	0	
527	CoCoA-5.?.?	New	Normal	GUI: better name for the graphical interface?	27 Jul 2015 19:25	0	
299	CoCoA-5.?.?	New	Low	GUI: message "running.." (close to output window?)	15 May 2020 10:56	0	
276	CoCoA-5.?.?	New	Normal	TeXmacs interface	09 Apr 2014 15:01	0	
198	CoCoA-5.?.?	New	Normal	Appunti per (eventuale) tesi triennale Informatica: CoCoA GUI	30 Sep 2022 19:05	0	

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136	CoCoA-5.?.?	New	Normal	GUI: Add an edit menu to the top bar (CoCoA GUI on MacOS)	02 Jul 2014 16:56	0	
133	CoCoA-5.?.?	New	Normal	Qt GUI: Make better distinction between input and output in the output window	12 Mar 2021 09:39	0	
38	CoCoA-5.?.?	New	Normal	GUI: open file "with C5"	09 Apr 2014 15:00	0	
Incomplete function (5)							
1805	CoCoA-5.4.4	New	Normal	Add CoCoA-5 syntax: syz(<F,> list of ModuleElem)	26 Mar 2024 12:16	0	Anna Maria Bigatti
920	CoCoA-5.?.?	New	Normal	Empty matrix: warning, error, or empty matrix?	08 Sep 2016 11:45	10	
106	CoCoA-5.?.?	In Progress	Normal	I:f (IDEAL and RINGELEM) -- operator colon	02 Sep 2014 11:12	10	Anna Maria Bigatti
100	CoCoA-5.?.?	New	Normal	BringIn should map only the indets in its arg	26 Sep 2022 20:25	0	
96	CoCoA-5.?.?	New	Normal	sort is too slow	28 May 2021 20:40	0	John Abbott
Manual/documentation (36)							
1776		New	Normal	CoCoA-5 releases on redmine	12 Jan 2024 11:53	70	Anna Maria Bigatti
1765	CoCoA-5.4.4	New	Normal	Difference between seealso and keys?	16 Oct 2023 20:02	0	
1741	CoCoA-5.4.2	In Progress	High	Documentation/Manual for HilbertFn	10 May 2023 20:49	20	
1707	CoCoA-5.?.?	New	Normal	User forum?	01 Nov 2022 22:02	0	
1686	CoCoA-5.4.2	New	Normal	Manual entry for random (see also)	09 Jun 2022 20:49	0	
1663	CoCoA-5.4.2	New	Normal	GCDList not documented	31 May 2022 09:55	0	
1636	CoCoA-5.4.2	In Progress	Normal	Missing/Incomplete manual entries	30 Nov 2023 17:21	10	
1621	CoCoA-5.4.2	New	Normal	Doc for the various BuiltIn files	18 Oct 2021 11:26	0	
1566	CoCoA-5.4.2	New	Normal	What does rad do?	21 Jan 2021 13:46	0	
1548	CoCoA-5.4.2	New	Normal	Man page for UniversalGBasis	03 Feb 2022 20:18	0	Anna Maria Bigatti
1534	CoCoA-5.4.2	In Progress	Immediate	Install CoCoA-5 on MacOS-10.15+	07 Oct 2022 14:35	50	
1480	CoCoA-5.4.2	New	Normal	Documentation for making ring with parameters	03 Feb 2022 20:18	0	
1454	CoCoA-5.4.2	New	Normal	Filenames in release CoCoAManual/html containing [obsolete]	03 Feb 2022 20:17	0	Anna Maria Bigatti
1430	CoCoA-5.4.2	New	Normal	HTML manual: search using keywords?	04 Nov 2021 23:17	0	
1418	CoCoA-5.4.2	New	Normal	Manual entry for NewPolyRing	03 Feb 2022 20:16	0	
1365	CoCoA-5.4.2	New	Normal	Package EdgeIdeal not documented	03 Feb 2022 20:16	0	
1350	CoCoA-5.4.2	New	Normal	CoCoA manual: entry for operators, shortcuts	05 Feb 2022 20:35	0	
1320	CoCoA-5.4.2	New	Normal	CoCoA-5 manual: incorrect empty line in syntax box (in PDF file)	04 Nov 2021 23:16	0	
1314	CoCoA-5.?.?	In Progress	Normal	Emacs UI: open manual pages in a separate frame?	27 Sep 2019 17:23	10	

#	Target version	Status	Priority	Subject	Updated	% Done	Assignee
1252	CoCoA-5.4.2	New	Normal	ShapeLemma: no manual entry	03 Feb 2022 20:16	0	
1245	CoCoA-5.4.2	New	Normal	Online manual entry for RingElem needs to be improved	03 Feb 2022 20:15	0	
1241	CoCoA-5.4.2	New	Normal	GDPR: website, mailing list	05 Feb 2022 20:34	0	
1079	CoCoA-5.4.2	In Progress	Normal	CoCoAManual: AffHilbertFn accepts also ideal (correct?)	08 May 2023 20:44	20	
1077	CoCoA-5.4.4	Resolved	Normal	Manual: remove old stuff about "devices"	14 Mar 2023 22:02	70	John Abbott
1054	CoCoA-5.?.?	New	Normal	CoCoAManual: improved search, or improved selection of "see also" pages	28 Apr 2017 11:42	0	
1031	CoCoA-5.?.?	New	Normal	ScalarProduct: exact defn and manual page	17 Mar 2017 11:03	0	
943	CoCoA-5.?.?	In Progress	Normal	Managing credits	16 May 2017 14:49	10	
912	CoCoA-5.4.2	In Progress	Urgent	Add TUTORIALs to online manual	17 Oct 2022 14:02	80	
677	CoCoA-5.?.?	New	Normal	Credits to CoCoA-5 contributors	15 Nov 2019 15:28	0	
557	CoCoA-5.4.2	New	Normal	CoCoAManual: improve part on input/output	03 Feb 2022 20:15	0	Anna Maria Bigatti
323	CoCoA-5.?.?	New	Normal	system variables	04 Apr 2014 17:06	0	
322	CoCoA-5.4.2	In Progress	High	Installation instructions (on website)	13 Jun 2022 15:32	60	Anna Maria Bigatti
296	CoCoA-5.?.?	In Progress	Normal	Documentation for Parser/Interpreter	09 Apr 2014 17:22	10	Anna Maria Bigatti
181	CoCoA-5.4.2	New	Low	Functions throwing error even though (trivially) defined	04 Nov 2021 23:09	10	
177	CoCoA-5.4.4	In Progress	Normal	CoCoAManual: General part of the documentation is obsolete: update? discard?	10 Mar 2023 17:02	70	Anna Maria Bigatti
13	CoCoA-5.?.?	New	Normal	(short) manual for emacs interface	12 Oct 2016 16:56	0	
Parser/Interpreter (26)							
1759	CoCoA-5.4.4	New	Low	Better error mesg for 1.2.3.4?	19 Mar 2024 20:05	0	
1650	CoCoA-5.4.2	In Progress	Normal	Potentially confusing prompt: waiting for semicolon	18 Mar 2024 21:14	10	
1603	CoCoA-5.4.2	New	Low	Unhelpful behaviour in "compatibility mode": double error mesg	18 Mar 2024 21:20	0	
1544	CoCoA-5.4.2	New	Normal	CoCoA coding conventions for parser/interprer?	11 Dec 2020 12:01	10	
1440	CoCoA-5.4.2	New	Low	Surprising parser error: INT+DOT+IDENTIFIER	04 Nov 2021 23:10	0	
1435	CoCoA-5.4.2	New	Normal	Disable readline if input is redirected	04 Nov 2021 23:09	0	
1292	CoCoA-5.4.2	New	Normal	Interpreter: fns which accept INT or RAT	03 Feb 2022 19:33	0	
1234	CoCoA-5.?.?	In Progress	Normal	CoCoA should read unicode	01 Oct 2019 14:36	0	
946	CoCoA-5.4.2	Resolved	Urgent	Function "ideal" evaluates the argument twice	23 Feb 2022 12:14	80	Anna Maria Bigatti
928	CoCoA-5.?.?	New	Low	ciao, exit, quit can be used not only at top level	18 Oct 2021 11:08	0	
915	CoCoA-5.?.?	New	Low	When is a semicolon needed to end a statement/command?	28 Feb 2024 21:27	0	

#	Target version	Status	Priority	Subject	Updated	% Done	Assignee
749	CoCoA-5.?.?	New	Normal	IsDefined does not follow reference to undefined optional param	31 Jul 2015 12:08	0	
669	CoCoA-5.?.?	New	Low	NUL char in input terminates CoCoA-5	04 Mar 2020 21:28	0	
597	CoCoA-5.?.?	New	Normal	Interpreter.C: remove calls to WrongTypeException	02 Mar 2020 21:45	0	
486	CoCoA-5.?.?	New	Normal	Warning about variable hiding another -- too zealous	01 Sep 2014 13:55	0	
435	CoCoA-5.?.?	New	Normal	Assignment to protected variable	04 Apr 2014 17:05	0	
375	CoCoA-5.?.?	New	Normal	allow single function call in "use" : e.g. "Use NewFractionField(R);"	02 Sep 2014 11:14	0	
363	CoCoA-5.?.?	New	Normal	Colon operator, 2nd arg	09 Apr 2014 15:07	0	
290	CoCoA-5.?.?	In Progress	Normal	Which functions are defined in CoCoALibSupplement?	29 Mar 2019 19:23	20	Anna Maria Bigatti
287	CoCoA-5.?.?	New	Normal	--fullCoCoALibError prints too much (Try/UponError)	02 Sep 2016 13:54	10	Anna Maria Bigatti
183	CoCoA-5.?.?	New	Low	Template for unaryMinus?	25 Jul 2018 17:15	0	
101	CoCoA-5.?.?	New	Normal	rethrow in Try .. UponError .. EndTry	23 Oct 2020 10:18	0	
97	CoCoA-5.4.2	New	Normal	OpenOFile	20 Oct 2020 18:13	0	
95	CoCoA-5.?.?	New	Normal	Error/warning if fn-proc is neither fn nor proc?	15 Jun 2016 14:13	0	
31	CoCoA-5.4.2	In Progress	Normal	theValue makes copy	18 Feb 2022 16:42	60	Anna Maria Bigatti
7	CoCoA-5.4.2	Resolved	High	Automatic mapping between (some) rings	10 Mar 2023 17:08	80	Anna Maria Bigatti
Portability (5)							
1373	CoCoA-5.4.2	In Progress	Normal	GFan also for Microsoft?	17 Oct 2022 13:59	10	Anna Maria Bigatti
1146	CoCoA-5.4.2	New	Low	Use Flatpak and/or Snap on Linux?	06 Oct 2020 15:55	0	
1006	CoCoA-5.?.?	In Progress	Normal	External dependencies for building	27 Oct 2021 13:13	10	
629	CoCoA-5.?.?	In Progress	Normal	Windows-GUI: compilation with MinGW	19 Mar 2024 22:21	20	Anna Maria Bigatti
83	CoCoA-5.4.2	In Progress	Normal	C++11 compatibility questions	03 Feb 2022 19:59	40	
Release (6)							
1708	CoCoA-5.4.2	New	Normal	Linux: just 1 executable, should be 2 (with & without readline)	16 Nov 2022 15:45	0	
1701	CoCoA-5.4.2	In Progress	Normal	Preliminary packages	18 Mar 2024 21:05	10	
1688	CoCoA-5.4.2	In Progress	Normal	Release CoCoA 5.4.2	14 Feb 2023 21:29	0	
1474	CoCoA-5.4.2	New	High	Website: link to JSAG?	16 Feb 2022 20:27	0	
1453	CoCoA-5.4.2	New	Normal	Use symbolic links for release files	03 Feb 2022 19:39	0	
1445	CoCoA-5.4.2	New	Normal	Automatic way to produce statically linked CoCoAInterpreter	03 Feb 2022 19:38	0	
Renaming (1)							

#	Target version	Status	Priority	Subject	Updated	% Done	Assignee
1456	CoCoA-5.4.2	New	Normal	IntersectList or IntersectionList	15 Mar 2024 18:24	0	