

## CoCoA-5 - Issues

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1067	CoCoA-5		Normal	"Randomize" and "Randomized" obsolete?	John Abbott	15 Nov 2017 17:02	CoCoA-4 function to be added	100
1424	CoCoA-5		Normal	'UNCAUGHT UNKNOWN EXCEPTION' when aborting 'isin' computation	John Abbott	26 Feb 2020 16:24	bug	100
1007	CoCoA-5		Normal	(makefile) New "clean" target which does not clean documentation	John Abbott	30 Jul 2018 18:02	Portability	100
1438	CoCoA-5		Immediate	ABORT for unterminated string literal	John Abbott	09 Mar 2020 15:28	bug	100
927	CoCoA-5		Normal	Add "exit" in addition to "ciao"	John Abbott	01 Mar 2017 14:15	CoCoA-5 function: new	100
1236	CoCoA-5		High	Add "socket" devices	John Abbott	19 Feb 2020 11:43	CoCoA-4 function to be added	100
105	CoCoA-5		Normal	Add l*f and f*I (RINGELEM and IDEAL)	John Abbott	01 Apr 2014 18:46	Parser/Interpreter	100
372	CoCoA-5		Normal	add IsFactorClosed	John Abbott	21 Mar 2014 11:35	CoCoA-5 function: new	100
117	CoCoA-5		High	Added 3 times defn of isblank fn	John Abbott	17 Feb 2016 13:25	Portability	100
1615	CoCoA-5		Normal	apply: remove for RingHom	John Abbott	04 Oct 2021 11:57	enhancing/improving	100
332	CoCoA-5		Normal	Approx pts preprocessing fns	John Abbott	29 Jul 2015 21:41	CoCoA-4 function to be added	100
1191	CoCoA-5		High	ApproxSolve: log(0) on some examples	John Abbott	26 Jul 2018 13:59	bug	100
1573	CoCoA-5		Low	ApproxSolve: very imprecise	John Abbott	24 Sep 2021 22:26	enhancing/improving	100
1261	CoCoA-5		Normal	ASCII function	John Abbott	10 Oct 2019 19:30	bug	100
1289	CoCoA-5		Normal	assert-function for cocoa5	John Abbott	26 Feb 2020 16:32	CoCoA-5 function: new	100
549	CoCoA-5		Normal	Automatic conversion from RINGELEM to INT or RAT	John Abbott	03 Sep 2014 16:00	Incomplete function	100
635	CoCoA-5		High	Automatic mapping of RingElem (in operation with a compound value)	John Abbott	14 Mar 2023 14:59	enhancing/improving	100
1493	CoCoA-5		Normal	Automatic ring mapping in assignment?	John Abbott	02 Apr 2021 08:54	enhancing/improving	100
103	CoCoA-5		Normal	Bad error mesg using operator ":"	John Abbott	04 Jul 2012 09:57	Parser/Interpreter	100
1595	CoCoA-5		High	Bad input causes crash	John Abbott	21 Jun 2021 15:44	bug	100
344	CoCoA-5		High	basic_string::erase error in interpreter	John Abbott	24 May 2013 18:55	Parser/Interpreter	100
1287	CoCoA-5		Normal	Better err mesg for easy typo in ring definition	John Abbott	16 Sep 2021 12:38	enhancing/improving	100
1695	CoCoA-5		Normal	boost-find-lib.sh	John Abbott	09 Mar 2023 22:42	Portability	100
687	CoCoA-5		Normal	Builtin fn makes unnecessary copy of arg	John Abbott	28 May 2021 15:43	enhancing/improving	100
552	CoCoA-5		High	C5 BuiltinFunctions.c fn RingElem	John Abbott	04 Sep 2014 12:18	Incomplete function	100
347	CoCoA-5		Normal	C5 cannot compute derivative of a ratfn	John Abbott	19 Feb 2014 21:34	CoCoA-5 function: new	100
741	CoCoA-5		Low	C5 GUI: slow to close	John Abbott	13 Nov 2017 15:46	GUI	100
750	CoCoA-5		Normal	C5 GUI: very slow when printing many short lines	John Abbott	07 Oct 2022 11:06	GUI	100
1284	CoCoA-5		Normal	CartesianProductList: too slow	John Abbott	22 Oct 2019 11:10	enhancing/improving	100
1012	CoCoA-5		Low	Chebyshev polynomials	John Abbott	03 Apr 2019 17:08	enhancing/improving	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
940	CoCoA-5		Normal	Check all fns in packages work even without BackwardCompatible.cpkg5	John Abbott	04 Dec 2017 11:16	enhancing/improving	100
1514	CoCoA-5		High	Cocoa crashes when calling RingElems	John Abbott	03 Dec 2020 21:31	enhancing/improving	100
1021	CoCoA-5		Normal	CoCoA Manual: search should ignore multiple spaces	John Abbott	15 Nov 2017 17:19	Manual/documentation	100
1479	CoCoA-5		Normal	CoCoA release for linux: CoCoAInterpreter: with and without libreadline?	John Abbott	16 Feb 2022 20:07	Portability	100
990	CoCoA-5		Normal	CoCoA-5 distribution: tidying	John Abbott	30 Apr 2020 15:10	Release	100
164	CoCoA-5		Low	CoCoA-5 emacs interface bug (minor): Source & SourceRegion with troublesome filenames	John Abbott	29 Jul 2015 21:37	EmacsUI	100
1356	CoCoA-5		Normal	CoCoA-5 header files: should use a common prefix for CPP variables which enforce read-once	John Abbott	12 Nov 2021 10:45	Portability	100
1399	CoCoA-5		Normal	CoCoA-5 interpreter: idle/busy indicator	John Abbott	06 Mar 2020 12:24	enhancing/improving	100
911	CoCoA-5		Normal	CoCoA-5 prompt for incomplete input	John Abbott	14 May 2021 17:32	Parser/Interpreter	100
1390	CoCoA-5		Normal	CoCoA-5 test: radical too slow	John Abbott	04 Mar 2020 16:22	enhancing/improving	100
1294	CoCoA-5		Low	CoCoA-5 tests may fail even if executed correctly	John Abbott	03 Feb 2022 19:40	Portability	100
450	CoCoA-5		Normal	CoCoA-5.0.9 release (admin, overheads, etc)	John Abbott	11 Apr 2014 14:59	Release	100
1352	CoCoA-5		Low	cocoa5 (launch) script: sleep time	John Abbott	13 Feb 2020 15:40	enhancing/improving	100
458	CoCoA-5		Low	CoCoA5 GUI; failed build "wrong architecture"	John Abbott	02 Mar 2020 15:40	GUI	100
1554	CoCoA-5		Normal	cocoa5-emacs-dir or cocoa5-root-dir?	John Abbott	04 Mar 2021 17:10	EmacsUI	100
1442	CoCoA-5		High	CoCoAInterpreter: executable size	John Abbott	12 Mar 2020 22:17	Cleaning	100
495	CoCoA-5		Normal	CoCoAManual: add page about creating lists	John Abbott	02 Jul 2014 16:51	Manual/documentation	100
489	CoCoA-5		Normal	CoCoAManual: Doc for strings	John Abbott	02 Jul 2014 16:52	Manual/documentation	100
1214	CoCoA-5		Normal	CoCoAManual: ensure that LaTeX compilation is "clean"	John Abbott	18 Feb 2022 17:15	Manual/documentation	100
978	CoCoA-5		Normal	CommonDenom: for polys and lists?	John Abbott	30 Jul 2018 14:28	CoCoA-5 function: new	100
1151	CoCoA-5		Normal	ConcatList or ConcatLists	John Abbott	29 Jan 2021 12:26	Renaming	100
1599	CoCoA-5		Normal	ConcatStr	John Abbott	14 Sep 2021 11:53	enhancing/improving	100
131	CoCoA-5		Normal	Conversion from bool to INT	John Abbott	04 Jul 2012 09:59	CoCoA-5 function: new	100
1531	CoCoA-5		High	CRASH: arithmetic with HilbertSeries (tagged object)	John Abbott	24 Sep 2021 22:16	bug	100
1717	CoCoA-5		Urgent	CRASH: equality test to a FUNCTION	John Abbott	14 Dec 2022 16:23	bug	100
267	CoCoA-5		High	Cyclotomic(106743) fails	John Abbott	21 May 2013 18:03	Incomplete function	100
94	CoCoA-5		Normal	Default reason for protected variables	John Abbott	24 Apr 2014 13:16	Parser/Interpreter	100
1060	CoCoA-5		Low	describe ring: add final newline	John Abbott	13 Nov 2017 15:59	enhancing/improving	100
576	CoCoA-5		Normal	Disallow juxtaposition for string literals?	John Abbott	26 Jun 2014 15:33	Parser/Interpreter	100
636	CoCoA-5		High	Distinguish indets from symbols in coeffring in Use command	John Abbott	27 Oct 2020 17:59	enhancing/improving	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1540	CoCoA-5		Normal	Double power	John Abbott	24 Sep 2021 21:45	enhancing/improving	100
490	CoCoA-5		Normal	Duplicate fns: valuation and FactorMultiplicity	John Abbott	30 Jul 2015 17:15	Cleaning	100
877	CoCoA-5		Normal	Easier syntax to make a PRINCIPAL ideal?	John Abbott	27 Apr 2017 14:57	enhancing/improving	100
1104	CoCoA-5		Normal	Eigenvectors: inconsistent return type	John Abbott	03 Feb 2022 19:20	enhancing/improving	10
475	CoCoA-5		Normal	Eliminate package approx	John Abbott	07 May 2014 17:32	Cleaning	100
607	CoCoA-5		Normal	Emacs UI; remove send-buffer?	John Abbott	02 Sep 2014 11:02	EmacsUI	100
1766	CoCoA-5		Low	Emacs 29: Removal of obsolete entries	John Abbott	22 Dec 2023 11:35	EmacsUI	100
1109	CoCoA-5		Normal	Emacs UI can be slow in M\$ Windows	John Abbott	15 Nov 2017 17:05	EmacsUI	100
441	CoCoA-5		Normal	Emacs UI: C-c C-e does not ignore keywords inside strings	John Abbott	02 May 2014 17:21	EmacsUI	100
608	CoCoA-5		Normal	Emacs UI: C-return for send-line and send-region	John Abbott	03 Sep 2014 13:43	EmacsUI	100
470	CoCoA-5		Normal	Emacs UI: cocoa5-close-block should beep when there is no block to close	John Abbott	15 Apr 2014 15:21	EmacsUI	100
1002	CoCoA-5		Normal	Emacs UI: cocoa5-send-line skips too many chars	John Abbott	27 Apr 2017 11:31	EmacsUI	100
945	CoCoA-5		Normal	Emacs UI: comint buffer silently truncates(?) long lines when sending	John Abbott	04 Mar 2020 19:01	EmacsUI	100
1325	CoCoA-5		Normal	Emacs UI: emacs does not recognize "until" as marking the end of a "repeat" block	John Abbott	26 Oct 2019 09:53	EmacsUI	100
1412	CoCoA-5		Normal	Emacs UI: font size	John Abbott	10 Nov 2021 18:17	EmacsUI	100
748	CoCoA-5		Normal	Emacs UI: return inside a block of output sends several lines (not just the one I'm on)	John Abbott	28 Apr 2017 09:12	EmacsUI	100
462	CoCoA-5		Normal	Emacs UI: semicolon problems	John Abbott	02 May 2014 17:18	EmacsUI	100
998	CoCoA-5		Low	Emacs UI: sending empty input from cocoa5 buffer	John Abbott	26 Apr 2017 17:19	EmacsUI	100
1358	CoCoA-5		Normal	Emacs UI: should active input line be cleared before sending line from CoCoA-5 file?	John Abbott	13 Feb 2020 14:03	EmacsUI	100
1364	CoCoA-5		Normal	Emacs UI: start cocoa5 with system command enabled	John Abbott	13 Feb 2020 16:37	EmacsUI	100
672	CoCoA-5		Low	Emacs UI: strange string literal causes crash	John Abbott	04 Mar 2020 15:31	EmacsUI	100
433	CoCoA-5		High	EMACS UI: trouble with sending a long line	John Abbott	02 Sep 2014 11:10	EmacsUI	100
684	CoCoA-5		Normal	Emacs UI: wrong name after auto-inserting enddefine	John Abbott	20 Apr 2015 11:17	EmacsUI	100
1087	CoCoA-5		Low	EmacsUI: get error "wrong-type-argument processp nil" when doing M-x cocoa5 when executable does not exist	John Abbott	13 Nov 2017 15:06	EmacsUI	100
1526	CoCoA-5		Normal	EmacsUI: help/manual for selected string -- or just for word with cursor on?	John Abbott	07 Mar 2022 15:32	EmacsUI	100
445	CoCoA-5		Normal	EmacsUI: indentation is wrong sometimes (e.g. if Lambda1 is on previous line)	John Abbott	02 Apr 2014 18:35	EmacsUI	100
280	CoCoA-5		Normal	EmacsUI: indentation is wrong with parentheses	John Abbott	21 May 2013 17:34	EmacsUI	100
1448	CoCoA-5		Normal	EmacsUI: sending line with "7" calls SourceRegion (!?!?)	John Abbott	30 Apr 2020 14:16	EmacsUI	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1537	CoCoA-5		Low	EmacUI: strange colours, sometimes	John Abbott	24 Sep 2021 22:32	EmacsUI	100
1487	CoCoA-5		Normal	EOF for OpenIFile	John Abbott	09 Oct 2020 13:45	Manual/documentation	100
670	CoCoA-5		Low	Error column indicator misaligned with non-printing (unprintable) characters	John Abbott	13 Nov 2017 15:58	enhancing/improving	100
673	CoCoA-5		Normal	Error message: I was expecting...	John Abbott	13 Feb 2020 16:39	enhancing/improving	100
761	CoCoA-5		Normal	Evaluating a QuasiPol	John Abbott	17 Feb 2016 11:26	CoCoA-5 function: new	100
1498	CoCoA-5		Normal	Export many names or just one?	John Abbott	08 Jan 2021 11:23	Manual/documentation	100
713	CoCoA-5		Normal	External libs: interrupting not easy	John Abbott	24 Sep 2021 21:58	External Libs	100
712	CoCoA-5		Normal	External Libs: missing dependencies in Makefiles	John Abbott	01 Oct 2019 14:31	External Libs	10
708	CoCoA-5		High	ExternalLib Normaliz: verbose flag?	John Abbott	05 May 2017 10:36	enhancing/improving	100
1718	CoCoA-5		Normal	FactorINT with time-out	John Abbott	22 Dec 2023 19:46	Renaming	100
755	CoCoA-5		Normal	Find out how to compile statically on linux	John Abbott	20 Mar 2020 12:18	Release	100
652	CoCoA-5		Urgent	Flag to enable/disable printing of list of loaded packages	John Abbott	29 Jul 2015 16:24	enhancing/improving	100
419	CoCoA-5		Normal	FloatStr	John Abbott	24 Apr 2014 19:53	Incomplete function	100
1272	CoCoA-5		Normal	Groebner Bases over ZZ	John Abbott	17 Feb 2022 21:22	CoCoA-5 function: new	100
240	CoCoA-5		Normal	GUI compilation: GMP is not naturally thread-safe	John Abbott	11 Mar 2020 21:34	GUI	100
1093	CoCoA-5		Low	GUI: bugs and slugs	John Abbott	18 Aug 2022 15:36	GUI	10
52	CoCoA-5		High	GUI: problem with "--" comment	John Abbott	04 Jul 2012 10:01	GUI	100
744	CoCoA-5		High	Handle interrupts more helpfully	John Abbott	02 Mar 2017 16:15	enhancing/improving	100
1298	CoCoA-5		Normal	How can user find the indent command?	John Abbott	19 Mar 2021 12:43	Manual/documentation	100
301	CoCoA-5		Normal	How to obtain an integer from a finite field element? AsINT?	John Abbott	24 Apr 2014 20:16	CoCoA-5 function: new	100
1443	CoCoA-5		Urgent	Illegal instruction	John Abbott	03 Feb 2022 19:37	Release	100
1536	CoCoA-5		Normal	Implement xel?	John Abbott	24 Sep 2021 22:37	CoCoA-4 function to be added	100
890	CoCoA-5		Normal	ImportByRef and ImportByValue behave in an unexpected manner (i.e. fail when I think they should succeed)	John Abbott	26 Feb 2020 16:50	Manual/documentation	100
1368	CoCoA-5		Normal	Improve manual for mod	John Abbott	13 Feb 2020 15:44	Manual/documentation	100
1455	CoCoA-5		Normal	In a release: which files inside the CoCoAManual	John Abbott	18 Feb 2022 17:16	Manual/documentation	100
1527	CoCoA-5		Low	Inadequate error message on incorrect list access	John Abbott	08 Jan 2021 11:19	enhancing/improving	100
364	CoCoA-5		Normal	Incr command/function	John Abbott	03 Apr 2014 20:20	Parser/Interpreter	100
485	CoCoA-5		Normal	Initialization for CoCoA-5: file init.cocoa5	John Abbott	30 Jun 2015 11:34	CoCoA-4 function to be added	100
454	CoCoA-5		Normal	interpolate	John Abbott	04 Apr 2014 16:24	CoCoA-4 function to be added	0
345	CoCoA-5		Normal	Interpreter interrupt delayed confusingly	John Abbott	04 Dec 2017 11:45	Parser/Interpreter	100
321	CoCoA-5		Normal	interpreter proposes no near misses for "bin"	John Abbott	04 Sep 2014 12:54	Parser/Interpreter	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
343	CoCoA-5		High	Interpreter SEGV	John Abbott	24 May 2013 14:41	Parser/Interpreter	100
500	CoCoA-5		Normal	Interpreter: is it possible to avoid useless prompts?	John Abbott	14 May 2021 17:43	Parser/Interpreter	100
1018	CoCoA-5		Normal	Interpreter: limit range for "." operator	John Abbott	28 Apr 2017 16:20	Parser/Interpreter	100
1714	CoCoA-5		Normal	IsDivisible error (in QuotRing)	John Abbott	14 Dec 2022 16:44	bug	100
1386	CoCoA-5		Normal	IsIndetPosPower: behaviour and manual page	John Abbott	25 Feb 2020 11:16	Manual/documentation	100
1032	CoCoA-5		Normal	IsInRadical: fragile code	John Abbott	15 Dec 2017 15:37	enhancing/improving	100
1240	CoCoA-5		Normal	John's visit Feb 2019	John Abbott	01 Oct 2019 14:25	enhancing/improving	100
1387	CoCoA-5		Normal	John's visit Feb 2020	John Abbott	21 Feb 2020 14:50	Release	100
1431	CoCoA-5		Normal	Juxtaposition of string literals	John Abbott	14 Sep 2021 11:45	CoCoA-5 function: new	100
443	CoCoA-5		High	lambda keyword	John Abbott	02 Apr 2014 18:35	Renaming	100
995	CoCoA-5		Normal	LaTeX(x^10) should use curly brackets	John Abbott	01 Mar 2017 13:35	enhancing/improving	100
186	CoCoA-5		Normal	LCM(0,x)	John Abbott	04 Jul 2012 09:57	Incomplete function	100
1288	CoCoA-5		High	len for RINGELEM ?!?	John Abbott	13 Feb 2020 16:07	bug	100
1224	CoCoA-5		Low	Lexer: unclosed multi-line comment	John Abbott	04 Mar 2020 14:41	Cleaning	100
1658	CoCoA-5		Normal	LinKerZZ not documented	John Abbott	16 Feb 2022 20:11	Manual/documentation	100
265	CoCoA-5		Low	Linking problems in CoCoA-5 GUI	John Abbott	13 Nov 2017 15:49	GUI	100
692	CoCoA-5		Normal	Local variables hiding out ones at top level	John Abbott	02 Oct 2020 11:43	Parser/Interpreter	100
632	CoCoA-5		Normal	MacOSX: many warnings with compiler CLANG/LLVM when compiling BOOST code.	John Abbott	14 Oct 2022 16:25	Portability	100
991	CoCoA-5		Low	make htmldoc always recreates everything (even if no change was made)	John Abbott	04 Mar 2020 16:15	Manual/documentation	100
463	CoCoA-5		Normal	Make man page for "It" easier to read	John Abbott	24 Apr 2014 20:26	Manual/documentation	100
217	CoCoA-5		Normal	Makedependencies of CoCoA-5 fails if BOOST is absent	John Abbott	21 May 2013 18:32	Portability	100
1795	CoCoA-5		Normal	Makefile problem: needlessly relinks CoCoAInterpreter	John Abbott	18 Mar 2024 20:51	enhancing/improving	90
988	CoCoA-5		Normal	Makefile: install target for cocoa5	John Abbott	15 Dec 2017 15:46	Portability	100
189	CoCoA-5		Normal	malloc ERROR	John Abbott	04 Jul 2012 10:01	Parser/Interpreter	100
1335	CoCoA-5		Normal	ManExamples: some problems	John Abbott	24 Feb 2020 16:56	Manual/documentation	100
1459	CoCoA-5		High	Manual entries for mod and div	John Abbott	03 Nov 2020 22:03	Manual/documentation	100
1315	CoCoA-5		Normal	Manual entry about reporting bugs?	John Abbott	14 Feb 2020 10:49	Manual/documentation	100
1447	CoCoA-5		Normal	Manual entry for RandomLinearForm	John Abbott	23 Feb 2022 12:54	Manual/documentation	100
1303	CoCoA-5		Low	Manual looking for "?"	John Abbott	05 Mar 2020 12:03	Manual/documentation	100
1077	CoCoA-5		Normal	Manual: remove old stuff about "devices"	John Abbott	14 Mar 2023 22:02	Manual/documentation	70
184	CoCoA-5		Normal	MAT/INT ? MAT/RINGELEM ?	John Abbott	04 Jul 2012 09:58	CoCoA-5 function: new	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1316	CoCoA-5		Normal	Matrix row reduction (rref)	John Abbott	19 Feb 2020 11:31	CoCoA-5 function: new	100
158	CoCoA-5		Normal	May AsRAT produce an INT?	John Abbott	08 Jun 2012 17:26	CoCoA-5 function: new	100
104	CoCoA-5		Normal	Misprints suggestions: Z --> ZZ	John Abbott	11 Sep 2014 17:38	Parser/Interpreter	100
403	CoCoA-5		Normal	Misuse of dot-dot operator	John Abbott	29 Jul 2014 16:26	Parser/Interpreter	100
481	CoCoA-5		Normal	Multiline comments -- obsolescent?	John Abbott	02 May 2014 17:47	Parser/Interpreter	100
1587	CoCoA-5		Normal	Multiline string literals (again)	John Abbott	14 Mar 2023 21:52	Parser/Interpreter	100
473	CoCoA-5		Normal	Multiline string literals - useful or obsolescent?	John Abbott	07 May 2014 17:32	Parser/Interpreter	100
471	CoCoA-5		Normal	Nested multiline comments	John Abbott	02 May 2014 17:49	Parser/Interpreter	100
414	CoCoA-5		Normal	New fn to increase max recursion depth	John Abbott	02 May 2014 17:05	CoCoA-5 function: new	100
771	CoCoA-5		Normal	New fns: MaxBy and MinBy to find minimum/maximum of a list wrt a given order	John Abbott	17 Feb 2016 12:40	CoCoA-5 function: new	100
1084	CoCoA-5		Normal	New function: PrevPrime	John Abbott	13 Nov 2017 15:43	CoCoA-5 function: new	100
461	CoCoA-5		Normal	New keyword " ->"? (same as "return")	John Abbott	26 Sep 2022 16:23	Parser/Interpreter	100
504	CoCoA-5		Normal	New operators: += -= *= /=	John Abbott	25 Oct 2019 11:55	CoCoA-5 function: new	20
532	CoCoA-5		Normal	New package: OBSOLESCEMENT	John Abbott	02 Jul 2014 16:54	CoCoA-4 function: obsolete	100
1626	CoCoA-5		Normal	NewMat: should be obsolescent?	John Abbott	19 Jan 2024 18:11	CoCoA-4 function: obsolete	90
1273	CoCoA-5		High	NewPolyRing and SymbolRange together make a crash	John Abbott	13 Feb 2020 09:26	bug	100
1383	CoCoA-5		Normal	NewPolyRing on MS Windows	John Abbott	13 Feb 2020 09:30	bug	100
1290	CoCoA-5		Normal	NewPolyRing: allow symbols with just head and no indices?	John Abbott	15 Feb 2020 10:28	enhancing/improving	100
1220	CoCoA-5		Normal	NewRingFp obsolescent; superseded by NewZZmod	John Abbott	01 Oct 2019 14:41	Cleaning	100
239	CoCoA-5		Normal	Normaliz functions not available in C5 GUI (again!)	John Abbott	14 Apr 2014 09:15	GUI	100
444	CoCoA-5		Immediate	Not keyword/operator	John Abbott	02 Apr 2014 18:35	Cleaning	100
566	CoCoA-5		Normal	Online help: problem with "<>"	John Abbott	16 Jul 2014 12:32	Manual/documentation	100
1504	CoCoA-5		Normal	OnlineHelp: XMLFileName	John Abbott	23 Feb 2022 11:53	Manual/documentation	100
781	CoCoA-5		Normal	Option to "fold" long lines?	John Abbott	04 Mar 2020 15:41	EmacsUI	100
35	CoCoA-5		Normal	Optional warnings for fn-proc arity	John Abbott	07 Oct 2022 10:56	Parser/Interpreter	100
1495	CoCoA-5		Normal	Package exporting nothing?	John Abbott	08 Jan 2021 11:51	enhancing/improving	100
1512	CoCoA-5		Normal	Package with unexpected EOF	John Abbott	08 Jan 2021 11:53	enhancing/improving	100
1477	CoCoA-5		Normal	Packages: questions from Andraschko	John Abbott	14 Mar 2023 21:57	enhancing/improving	100
102	CoCoA-5		Normal	Packages: should exported functions be automatically "Protect"ed?	John Abbott	18 Feb 2013 18:30	Parser/Interpreter	100
1401	CoCoA-5		Normal	Parolacce e basi border	John Abbott	13 Feb 2020 17:22	CoCoA-4 function to be added	100
553	CoCoA-5		Normal	Port function MantissaAndExponent2	John Abbott	03 Sep 2014 12:36	CoCoA-5 function: new	100
18	CoCoA-5		Urgent	Printing matrices: I/O unified style for CoCoA-5?	John Abbott	07 May 2014 14:10	Cleaning	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1745	CoCoA-5		Normal	Printing of Hilbert series via indent	John Abbott	22 Dec 2023 20:10	bug	100
394	CoCoA-5		Normal	problem with ContentFreeFactor (and missing manual entry)	John Abbott	03 Apr 2014 20:10	Manual/documentation	100
1188	CoCoA-5		Normal	Product of empty list: manual and code disagree	John Abbott	30 Jul 2018 14:33	Manual/documentation	100
1567	CoCoA-5		Normal	Radical in non-zero char	John Abbott	19 Mar 2021 12:52	bug	100
1011	CoCoA-5		High	Random seed fn	John Abbott	15 Nov 2017 17:43	CoCoA-4 function to be added	100
1215	CoCoA-5		Normal	RationalSolve: gives "Error: must be non-zero"	John Abbott	24 Sep 2021 22:35	bug	100
1216	CoCoA-5		Normal	RationalSolve: gives wrong answer	John Abbott	24 Sep 2021 21:50	bug	100
1270	CoCoA-5		Normal	RationalSolve: use MinPolyQuot instead of elim	John Abbott	16 Sep 2021 12:40	enhancing/improving	100
724	CoCoA-5		Normal	RationalSolve: wrongly complains about non zero-dim even in finite char	John Abbott	19 Mar 2021 12:43	enhancing/improving	100
909	CoCoA-5		Normal	ReadExpr: decimal point	John Abbott	27 Apr 2017 11:43	enhancing/improving	100
745	CoCoA-5		Low	Readline: avoid printing out READLINE twice	John Abbott	29 Jul 2015 15:18	External Libs	100
719	CoCoA-5		Normal	Readline: consider creating a textual interpreter with readline	John Abbott	28 Jul 2015 15:56	enhancing/improving	100
1028	CoCoA-5		Normal	Readline: cursor moves wrongly when at start of line with a prompt	John Abbott	27 Apr 2017 11:35	enhancing/improving	100
1029	CoCoA-5		Normal	Readline: does not recognize interrupts	John Abbott	07 Mar 2022 16:58	enhancing/improving	100
757	CoCoA-5		Immediate	readline: fix script for finding libreadline	John Abbott	28 Apr 2017 09:13	External Libs	100
1321	CoCoA-5		Urgent	RealRoots fails on $-x^2$	John Abbott	01 Oct 2019 14:11	bug	100
98	CoCoA-5		Normal	RealRoots should use IsRational	John Abbott	04 Jul 2012 09:56	Incomplete function	100
1171	CoCoA-5		Normal	RealRoots: first point is sometimes wrong?	John Abbott	14 Mar 2023 22:01	bug	100
163	CoCoA-5		Normal	RealRootsApprox bombs	John Abbott	13 Jul 2012 15:27	Incomplete function	100
472	CoCoA-5		Normal	Record keyword	John Abbott	14 Apr 2014 09:16	Cleaning	100
534	CoCoA-5		Normal	Remove float.cpkg5	John Abbott	24 Apr 2014 19:09	Cleaning	100
1506	CoCoA-5		Low	Remove XMLFileName from Main.C	John Abbott	16 Sep 2021 12:36	Cleaning	100
563	CoCoA-5		Normal	Remove ZMOD type from CoCoAInterpreter	John Abbott	01 Sep 2014 18:30	Parser/Interpreter	100
654	CoCoA-5		Low	Rename adjoint to adjugate???	John Abbott	28 Jun 2015 21:00	Renaming	100
939	CoCoA-5		Normal	Rename Fact to factorial?	John Abbott	15 Nov 2017 17:40	Renaming	100
292	CoCoA-5		High	Rename IndetsCalled to indets	John Abbott	21 May 2013 18:38	Renaming	100
767	CoCoA-5		Normal	Rename Log to exponents	John Abbott	17 Feb 2016 13:02	enhancing/improving	100
768	CoCoA-5		Normal	Rename LogToTerm to MakeTerm	John Abbott	17 Feb 2016 13:05	enhancing/improving	100
1520	CoCoA-5		Low	Replace BOOST_FOREACH by new C++14 range for syntax	John Abbott	29 Jan 2021 12:05	Cleaning	100
371	CoCoA-5		Normal	Resurrect LinearSimplify	John Abbott	07 Mar 2014 15:25	CoCoA-4 function to be added	100
674	CoCoA-5		Normal	Ring constructor: allow empty range for indices?	John Abbott	14 Oct 2020 14:43	enhancing/improving	100
1651	CoCoA-5		Normal	SEGV subsets ??	John Abbott	03 Feb 2022 19:03	bug	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1322	CoCoA-5		High	SEGV when debugging is active	John Abbott	27 Sep 2019 17:14	bug	100
1421	CoCoA-5		Normal	SEGV: error("")	John Abbott	26 Feb 2020 16:27	bug	100
1382	CoCoA-5		High	SEGV: should have been harmless	John Abbott	09 Jan 2020 11:21	bug	100
1247	CoCoA-5		Normal	sleep function	John Abbott	04 Mar 2019 18:00	CoCoA-5 function: new	100
191	CoCoA-5		Normal	Slow lex gbasis	John Abbott	21 May 2013 18:33	Portability	100
1228	CoCoA-5		High	SLUG: filling an array	John Abbott	03 Feb 2022 19:42	bug	30
96	CoCoA-5		Normal	sort is too slow	John Abbott	28 May 2021 20:40	Incomplete function	0
1274	CoCoA-5		Urgent	SortBy and SortedBy sometimes give wrong result	John Abbott	11 Oct 2019 22:02	bug	100
544	CoCoA-5		High	sorted gives wrong answer sometimes	John Abbott	07 May 2014 13:39	Incomplete function	100
8	CoCoA-5		Urgent	source region	John Abbott	21 May 2013 17:12	CoCoA-5 function: new	100
1614	CoCoA-5		Normal	SourceRegion gives misleading error mesg	John Abbott	10 Nov 2021 18:04	bug	100
1697	CoCoA-5		Normal	Specifying BOOST in configure	John Abbott	14 Dec 2022 22:33	Cleaning	100
981	CoCoA-5		Normal	SqFreeFactor: small (or big) bug?	John Abbott	13 Nov 2017 15:57	Incomplete function	100
1516	CoCoA-5		Normal	substring function	John Abbott	29 Jan 2021 12:03	CoCoA-5 function: new	100
382	CoCoA-5		Normal	Subtle bug with CoeffEmbeddingHom	John Abbott	28 Jul 2014 21:50	Incomplete function	100
110	CoCoA-5		Normal	Surprise return type for GCD of a list of ints	John Abbott	09 Nov 2015 15:32	CoCoA-4 function to be added	100
328	CoCoA-5		Normal	Swap	John Abbott	25 Mar 2014 15:11	CoCoA-5 function: new	100
1334	CoCoA-5		Normal	sylvester or SylvesterMat?	John Abbott	29 Jan 2021 11:59	Renaming	100
634	CoCoA-5		Normal	Symbol in the coeff ring	John Abbott	22 Oct 2014 20:02	enhancing/improving	100
1231	CoCoA-5		Normal	system command	John Abbott	27 Sep 2019 17:25	CoCoA-4 function to be added	100
1502	CoCoA-5		Normal	SystemCommand in Microsoft version	John Abbott	03 Feb 2022 19:46	bug	50
1501	CoCoA-5		Normal	testing for syntax errors	John Abbott	05 Nov 2021 16:53	enhancing/improving	100
612	CoCoA-5		Low	The C5 gui does not exit properly when using the exit menu entry	John Abbott	28 Feb 2024 21:20	GUI	100
1095	CoCoA-5		Normal	TimeOut not working as hoped/expected	John Abbott	13 Nov 2017 15:04	enhancing/improving	100
1553	CoCoA-5		Normal	Timing SystemCommand	John Abbott	19 Mar 2021 13:09	enhancing/improving	100
1400	CoCoA-5		High	Title of manual entry: tutorial on operations on polynomials	John Abbott	14 Feb 2020 13:43	Manual/documentation	100
726	CoCoA-5		Normal	TopLevel cannot "import" a package variable	John Abbott	27 Jul 2015 15:06	enhancing/improving	100
220	CoCoA-5		Normal	Trouble on Linux: many CoCoA-5 tests fail (0.9952)	John Abbott	21 May 2013 18:31	Portability	100
637	CoCoA-5		Normal	Undesirable consequence of automatic mapping of RingElems?	John Abbott	27 Oct 2020 18:15	enhancing/improving	100
182	CoCoA-5		Normal	Unescaped double quote inside superstring	John Abbott	26 Jun 2014 15:11	Parser/Interpreter	100
194	CoCoA-5		Normal	Unhandled CoCoALib error: mixed rings with IsIn operator (for ideal membership)	John Abbott	04 Jul 2012 09:56	Parser/Interpreter	100



#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1489	CoCoA-5		Low	Unhelpful error message for package followed by identifier (without dollar sign)	John Abbott	14 Oct 2020 13:58	enhancing/improving	100
275	CoCoA-5		Normal	Unhelpful error messages when SmallExponent_t is unsigned char.	John Abbott	17 Jan 2018 11:44	enhancing/improving	100
541	CoCoA-5		Normal	Unify releases for Linux 32 and Linux 64	John Abbott	11 Sep 2014 17:40	Portability	100
118	CoCoA-5		High	unistd and call to access in Main.C	John Abbott	20 Mar 2014 17:22	Portability	100
478	CoCoA-5		Normal	Use of dollar-dot (\$) in packages	John Abbott	05 Sep 2016 12:39	Parser/Interpreter	100
798	CoCoA-5		Normal	use poly ring with many variables is too slow	John Abbott	13 Dec 2017 14:28	enhancing/improving	100
997	CoCoA-5		Normal	Using protected variable names for "bound variables" (e.g. for, try...endtry)	John Abbott	04 Mar 2020 19:09	Parser/Interpreter	100
1385	CoCoA-5		Normal	valgrind: reports 456byte leak	John Abbott	13 Feb 2020 16:09	Cleaning	100
1550	CoCoA-5		Normal	version number for CoCoA5 snapshot release?	John Abbott	08 Jan 2021 11:30	Release	100
1696	CoCoA-5		Normal	Which BOOST libs are actually needed?	John Abbott	09 Mar 2023 22:41	Cleaning	100
1404	CoCoA-5		Normal	Which commands should "terms" be a keyword for?	John Abbott	04 Mar 2020 19:00	Manual/documentation	100
1507	CoCoA-5		Low	wordlist without OBSOLETE entries?	John Abbott	14 May 2021 17:49	EmacsUI	100
1524	CoCoA-5		Normal	wrong SystemCommand exit value	John Abbott	16 Feb 2022 19:53	Portability	100