

## CoCoA-5 - Issues

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1246	CoCoA-5		Urgent	Revive old CoCoA4 package called "cocoa5.cpkg"	Anna Maria Bigatti	14 Mar 2023 11:58	CoCoA-4 function to be added	90
912	CoCoA-5		Urgent	Add TUTORIALs to online manual		17 Oct 2022 14:02	Manual/documentation	80
652	CoCoA-5		Urgent	Flag to enable/disable printing of list of loaded packages	John Abbott	29 Jul 2015 16:24	enhancing/improving	100
622	CoCoA-5		Urgent	New function: RandomSubset	Anna Maria Bigatti	30 Jun 2015 14:19	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
12	CoCoA-5		Urgent	Add "syntax" to online manual	Anna Maria Bigatti	09 Nov 2011 11:32	CoCoA-4 function to be added	100
8	CoCoA-5		Urgent	source region	John Abbott	21 May 2013 17:12	CoCoA-5 function: new	100
1543	CoCoA-5		High	Default path for packages	Anna Maria Bigatti	08 Jan 2021 11:28	Parser/Interpreter	100
1410	CoCoA-5		High	IsDivisible also for INT	Anna Maria Bigatti	13 Feb 2020 15:40	enhancing/improving	100
1367	CoCoA-5		High	CoCoA-5.3.0: release linked with more recent version of normaliz	Anna Maria Bigatti	30 Apr 2020 15:43	Release	100
1236	CoCoA-5		High	Add "socket" devices	John Abbott	19 Feb 2020 11:43	CoCoA-4 function to be added	100
1174	CoCoA-5		High	package of a function --> of an identifier!	Anna Maria Bigatti	29 Jan 2021 15:43	CoCoA-5 function: new	100
1119	CoCoA-5		High	Mailing list for CoCoAUsers	Anna Maria Bigatti	16 Jan 2018 15:44	Release	100
1011	CoCoA-5		High	Random seed fn	John Abbott	15 Nov 2017 17:43	CoCoA-4 function to be added	100
996	CoCoA-5		High	New function: IdealOfGBasis	Anna Maria Bigatti	29 Apr 2017 08:34	CoCoA-5 function: new	100
744	CoCoA-5		High	Handle interrupts more helpfully	John Abbott	02 Mar 2017 16:15	enhancing/improving	100
708	CoCoA-5		High	ExternalLib Normaliz: verbose flag?	John Abbott	05 May 2017 10:36	enhancing/improving	100
529	CoCoA-5		High	Naive version of resolution and Betti numbers	Anna Maria Bigatti	09 May 2014 12:56	CoCoA-4 function to be added	100
388	CoCoA-5		High	port optimized resolutions to CoCoA-5	Anna Maria Bigatti	02 Jul 2014 16:13	CoCoA-4 function to be added	0
306	CoCoA-5		High	Function for accessing the pointed value	Anna Maria Bigatti	21 Mar 2014 11:31	Parser/Interpreter	100
193	CoCoA-5		High	BuiltinFunctions.C getting too long (2000 lines)	Anna Maria Bigatti	01 Aug 2013 08:10	Parser/Interpreter	100
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
77	CoCoA-5		High	Porting package "primary.cpkg" to cocoa-5	Anna Maria Bigatti	19 Jan 2012 11:38	CoCoA-4 function to be added	100
20	CoCoA-5		High	How to get the compilation flags of CoCoA-5?	Anna Maria Bigatti	28 Jul 2014 17:44	CoCoA-5 function: new	100
19	CoCoA-5		High	How to get the version number of CoCoA-5?	Anna Maria Bigatti	14 Nov 2012 11:34	CoCoA-4 function to be added	100
7	CoCoA-5		High	Automatic mapping between (some) rings	Anna Maria Bigatti	10 Mar 2023 17:08	Parser/Interpreter	80
1806	CoCoA-5		Normal	New function ModuleElms? (like RingElms(RING, STRING))		26 Mar 2024 13:44	CoCoA-5 function: new	0
1805	CoCoA-5		Normal	Add CoCoA-5 syntax: syz(<F,> list of ModuleElem)	Anna Maria Bigatti	26 Mar 2024 12:16	Incomplete function	0
1752	CoCoA-5		Normal	Make it easy to run the tests in a public/distrib version		06 Jul 2023 12:14	enhancing/improving	0
1747	CoCoA-5		Normal	NewPolyRing with indices -- better interface?		29 Jun 2023 18:09	enhancing/improving	0

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1732	CoCoA-5		Normal	EvalPolyAtMat		28 Mar 2023 16:35	CoCoA-5 function: new	0
1731	CoCoA-5		Normal	Verbosity level in CoCoA5	Anna Maria Bigatti	11 May 2023 07:34	enhancing/improving	70
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
1701	CoCoA-5		Normal	Preliminary packages		18 Mar 2024 21:05	Release	10
1671	CoCoA-5		Normal	Refactor C++ impl in OnlineHelp		11 Mar 2024 07:56	enhancing/improving	0
1659	CoCoA-5		Normal	Jordan Normal Form?		07 Feb 2022 17:57	CoCoA-5 function: new	0
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
1616	CoCoA-5		Normal	UnivariateIndetIndex: remove cocoa-5 implementation and use CoCoALib's	Anna Maria Bigatti	19 Nov 2021 15:32	enhancing/improving	100
1599	CoCoA-5		Normal	ConcatStr	John Abbott	14 Sep 2021 11:53	enhancing/improving	100
1596	CoCoA-5		Normal	Add CoCoA5 function NmzHilbertBasisKer	Anna Maria Bigatti	14 Mar 2023 14:59	CoCoA-5 function: new	80
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
1564	CoCoA-5		Normal	Geometrical theorem proving package		19 Jan 2021 09:20	CoCoA-4 function to be added	0
1549	CoCoA-5		Normal	Add sagbi package	Anna Maria Bigatti	18 Feb 2022 16:18	CoCoA-5 function: new	10
1541	CoCoA-5		Normal	foreach with ref to list entry?		15 Jan 2024 19:39	CoCoA-5 function: new	0
1536	CoCoA-5		Normal	Implement xel?	John Abbott	24 Sep 2021 22:37	CoCoA-4 function to be added	100
1535	CoCoA-5		Normal	New functions: argmin, argmax		26 Nov 2020 15:52	CoCoA-5 function: new	10
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
1516	CoCoA-5		Normal	substring function	John Abbott	29 Jan 2021 12:03	CoCoA-5 function: new	100
1509	CoCoA-5		Normal	RingElems with empty input	Anna Maria Bigatti	08 Jan 2021 11:35	bug	100
1503	CoCoA-5		Normal	More flexible ring creation syntax (after use or ::=)		08 Oct 2020 14:16	enhancing/improving	0
1487	CoCoA-5		Normal	EOF for OpenIFile	John Abbott	09 Oct 2020 13:45	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
1476	CoCoA-5		Normal	Lin alg with polys		06 Aug 2020 15:03	CoCoA-5 function: new	0
1469	CoCoA-5		Normal	Get indexed indets from a polyring		19 Jan 2021 12:39	CoCoA-5 function: new	0
1461	CoCoA-5		Normal	Automatic mapping for multiplication?	Anna Maria Bigatti	27 Oct 2020 19:08	enhancing/improving	100
1439	CoCoA-5		Normal	New function: LinearForm	Anna Maria Bigatti	20 Mar 2020 12:55	CoCoA-5 function: new	100
1431	CoCoA-5		Normal	Juxtaposition of string literals	John Abbott	14 Sep 2021 11:45	CoCoA-5 function: new	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1415	CoCoA-5		Normal	thmproving package	Anna Maria Bigatti	13 Jun 2022 15:31	CoCoA-4 function to be added	60
1401	CoCoA-5		Normal	Parolacce e basi border	John Abbott	13 Feb 2020 17:22	CoCoA-4 function to be added	100
1399	CoCoA-5		Normal	CoCoA-5 interpreter: idle/busy indicator	John Abbott	06 Mar 2020 12:24	enhancing/improving	100
1374	CoCoA-5		Normal	Add function power to CoCoA-5	Anna Maria Bigatti	13 Feb 2020 16:30	CoCoA-5 function: new	100
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
1364	CoCoA-5		Normal	Emacs UI: start cocoa5 with system command enabled	John Abbott	13 Feb 2020 16:37	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
1316	CoCoA-5		Normal	Matrix row reduction (rref)	John Abbott	19 Feb 2020 11:31	CoCoA-5 function: new	100
1313	CoCoA-5		Normal	Automatic conversion from RINGELEM to INT		03 Feb 2022 19:21	enhancing/improving	0
1305	CoCoA-5		Normal	Create a directory		02 Sep 2019 16:31	CoCoA-5 function: new	10
1296	CoCoA-5		Normal	Matrixrow-functions		18 Jun 2019 15:15	enhancing/improving	10
1290	CoCoA-5		Normal	NewPolyRing: allow symbols with just head and no indices?	John Abbott	15 Feb 2020 10:28	enhancing/improving	100
1289	CoCoA-5		Normal	assert-function for cocoa5	John Abbott	26 Feb 2020 16:32	CoCoA-5 function: new	100
1285	CoCoA-5		Normal	New Fn: make a homogeneous list of ringelem		23 May 2019 11:53	CoCoA-5 function: new	0
1272	CoCoA-5		Normal	Groebner Bases over ZZ	John Abbott	17 Feb 2022 21:22	CoCoA-5 function: new	100
1271	CoCoA-5		Normal	Allow Interruption of printing?		17 Apr 2019 10:17	enhancing/improving	10
1262	CoCoA-5		Normal	Split BuiltinFunctions-CoCoALib.C into smaller files		03 Feb 2022 19:53	enhancing/improving	30
1247	CoCoA-5		Normal	sleep function	John Abbott	04 Mar 2019 18:00	CoCoA-5 function: new	100
1243	CoCoA-5		Normal	New function: Read a string into a list (of RingElem) -- CoCoA-5	Anna Maria Bigatti	28 Feb 2020 17:52	CoCoA-5 function: new	100
1231	CoCoA-5		Normal	system command	John Abbott	27 Sep 2019 17:25	CoCoA-4 function to be added	100
1204	CoCoA-5		Normal	MinPoly for matrix: fix in cocoa5 and export to cocoa5		03 Feb 2022 19:21	enhancing/improving	0
1202	CoCoA-5		Normal	New package: arrangements	Elisa Palezzato	06 Aug 2018 16:20	CoCoA-5 function: new	100
1201	CoCoA-5		Normal	New package: poset	Elisa Palezzato	06 Aug 2018 16:20	CoCoA-5 function: new	100
1153	CoCoA-5		Normal	New function: gin for algebraic extensions	Anna Maria Bigatti	25 Jul 2018 15:36	CoCoA-5 function: new	0
1142	CoCoA-5		Normal	NewZZmod: port to CoCoA-5	Anna Maria Bigatti	16 Jan 2018 15:30	CoCoA-5 function: new	100
1129	CoCoA-5		Normal	Generic Timeout for CoCoA-5?		28 Nov 2017 18:06	enhancing/improving	10
1122	CoCoA-5		Normal	New fn: RandomLinearForm	Anna Maria Bigatti	30 Jul 2018 14:22	CoCoA-5 function: new	100
1112	CoCoA-5		Normal	New function: isEmpty	Anna Maria Bigatti	22 Dec 2023 19:21	CoCoA-5 function: new	100
1107	CoCoA-5		Normal	CoCoA Online: install (using InteractiveShell)	Anna Maria Bigatti	16 Oct 2017 16:54	CoCoA-5 function: new	10
1084	CoCoA-5		Normal	New function: PrevPrime	John Abbott	13 Nov 2017 15:43	CoCoA-5 function: new	100

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1073	CoCoA-5		Normal	RelNotes: current version or all previous versions?	Anna Maria Bigatti	15 Dec 2017 15:57	Manual/documentation	100
1072	CoCoA-5		Normal	syz: apply to ModuleElem?	Anna Maria Bigatti	26 Mar 2024 17:12	enhancing/improving	100
1045	CoCoA-5		Normal	Error message from cocoa5lib to cocoa-5	Anna Maria Bigatti	28 Apr 2017 19:21	Parser/Interpreter	100
1044	CoCoA-5		Normal	New function: SectionalMatrix, PrintSectionalMatrix	Anna Maria Bigatti	10 Apr 2017 17:55	CoCoA-5 function: new	100
1043	CoCoA-5		Normal	New function: IsCoprime	Anna Maria Bigatti	28 Apr 2017 19:21	CoCoA-5 function: new	100
1038	CoCoA-5		Normal	Emacs: sent interrupt to CoCoA	Anna Maria Bigatti	26 Apr 2017 17:20	EmacsUI	100
1021	CoCoA-5		Normal	CoCoA Manual: search should ignore multiple spaces	John Abbott	15 Nov 2017 17:19	Manual/documentation	100
1017	CoCoA-5		Normal	New function: SetGBasisAsGens [--> NO: use IdealOfGBasis]	Anna Maria Bigatti	10 Apr 2017 17:43	CoCoA-5 function: new	100
1007	CoCoA-5		Normal	(makefile) New "clean" target which does not clean documentation	John Abbott	30 Jul 2018 18:02	Portability	100
1003	CoCoA-5		Normal	New syntax for creating poly rings?		27 Jan 2017 15:54	enhancing/improving	10
993	CoCoA-5		Normal	New function: RingQQi()? extension of QQ with imaginary unit		13 Nov 2017 15:05	CoCoA-5 function: new	0
988	CoCoA-5		Normal	Makefile: install target for cocoa5	John Abbott	15 Dec 2017 15:46	Portability	100
980	CoCoA-5		Normal	CoeffSize: function to measure the size of coeffs in a poly		28 Nov 2023 22:29	CoCoA-5 function: new	20
978	CoCoA-5		Normal	CommonDenom: for polys and lists?	John Abbott	30 Jul 2018 14:28	CoCoA-5 function: new	100
965	CoCoA-5		Normal	New function: multigraded BettiNumbers	Anna Maria Bigatti	10 Apr 2017 17:39	CoCoA-5 function: new	100
964	CoCoA-5		Normal	New function: MakeMultiset?	Anna Maria Bigatti	25 Jul 2018 15:35	CoCoA-5 function: new	0
960	CoCoA-5		Normal	New function: IdealAndSeparatorsOfPoints		02 Nov 2016 18:06	CoCoA-4 function to be added	0
959	CoCoA-5		Normal	New function: SymmetricPolys	Anna Maria Bigatti	01 Mar 2017 14:10	CoCoA-5 function: new	100
954	CoCoA-5		Normal	New function: StdBasis (standard basis)	Anna Maria Bigatti	01 Mar 2017 14:11	CoCoA-5 function: new	100
927	CoCoA-5		Normal	Add "exit" in addition to "ciao"	John Abbott	01 Mar 2017 14:15	CoCoA-5 function: new	100
909	CoCoA-5		Normal	ReadExpr: decimal point	John Abbott	27 Apr 2017 11:43	enhancing/improving	100
903	CoCoA-5		Normal	New function CallOnGroebnerFanIdeals: call function on GFan ideals	Anna Maria Bigatti	26 Apr 2017 19:04	CoCoA-5 function: new	100
888	CoCoA-5		Normal	Escaped newline to allow a long line to be split into several "physical lines"		07 Jun 2016 00:26	enhancing/improving	0
883	CoCoA-5		Normal	gin: return/print a suitable change of variables	Anna Maria Bigatti	26 Apr 2017 17:25	enhancing/improving	100
877	CoCoA-5		Normal	Easier syntax to make a PRINCIPAL ideal?	John Abbott	27 Apr 2017 14:57	enhancing/improving	100
876	CoCoA-5		Normal	subst: allowed also for indets in the coeff ring		07 May 2016 13:59	enhancing/improving	0
865	CoCoA-5		Normal	Implicit: make easier to use with rational functions	Anna Maria Bigatti	03 Feb 2022 19:20	enhancing/improving	0
845	CoCoA-5		Normal	Primary Decomposition in CoCoA-5.1.6: zero dimensional, finite characteristic	Elisa Palezzato	10 Apr 2017 16:47	CoCoA-5 function: new	100
844	CoCoA-5		Normal	IsMaximal, IsPrimary for IDEAL (in cocoa language)	Anna Maria Bigatti	16 Feb 2016 17:43	CoCoA-5 function: new	100

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823	CoCoA-5		Normal	NewPolyRing with weights -- better interface?	Anna Maria Bigatti	18 Mar 2024 21:39	enhancing/improving	100
781	CoCoA-5		Normal	Option to "fold" long lines?	John Abbott	04 Mar 2020 15:41	EmacsUI	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
770	CoCoA-5		Normal	CoCoA type "cone"		22 May 2017 14:12		0
761	CoCoA-5		Normal	Evaluating a QuasiPol	John Abbott	17 Feb 2016 11:26	CoCoA-5 function: new	100
760	CoCoA-5		Normal	Primary Decomposition in CoCoA-5.1.3: zero dimensional, finite characteristic	Elisa Palezzato	17 Feb 2016 10:55	CoCoA-5 function: new	100
751	CoCoA-5		Normal	description of a RING	Anna Maria Bigatti	05 May 2017 16:07	enhancing/improving	100
734	CoCoA-5		Normal	Primary Decomposition in CoCoA-5: zero dimensional, zero characteristic	Elisa Palezzato	07 Apr 2017 10:13	CoCoA-5 function: new	100
733	CoCoA-5		Normal	Primary Decomposition in CoCoA-5.1.2: zero dimensional, finite characteristic	Elisa Palezzato	06 Aug 2015 10:59	CoCoA-5 function: new	100
732	CoCoA-5		Normal	Primary Decomposition in CoCoA-5: port Luis Garcia's package(cocoa-4)	Anna Maria Bigatti	30 Jun 2015 15:20	CoCoA-4 function to be added	100
731	CoCoA-5		Normal	Primary Decomposition in CoCoA-5		02 Oct 2017 13:30	CoCoA-5 function: new	10
723	CoCoA-5		Normal	Referring to indets with multiple indices from a polyring		12 Feb 2021 12:16	enhancing/improving	0
720	CoCoA-5		Normal	External libs: specifying I/O streams (initialization?)		22 May 2015 14:14	External Libs	0
719	CoCoA-5		Normal	Readline: consider creating a textual interpreter with readline	John Abbott	28 Jul 2015 15:56	enhancing/improving	100
711	CoCoA-5		Normal	External Libs: print credits?	Anna Maria Bigatti	28 Apr 2017 14:49	External Libs	100
704	CoCoA-5		Normal	rename MinGensGeneral?	Anna Maria Bigatti	29 Jul 2015 16:15	Renaming	100
702	CoCoA-5		Normal	Add more operations for modules	Anna Maria Bigatti	15 May 2015 09:05	CoCoA-4 function to be added	0
700	CoCoA-5		Normal	Which external libs are present?	Anna Maria Bigatti	18 Feb 2016 15:52	CoCoA-5 function: new	100
674	CoCoA-5		Normal	Ring constructor: allow empty range for indices?	John Abbott	14 Oct 2020 14:43	enhancing/improving	100
673	CoCoA-5		Normal	Error message: I was expecting...	John Abbott	13 Feb 2020 16:39	enhancing/improving	100
633	CoCoA-5		Normal	New operations? ScalarProduct(MODULELEM,LIST), MATRIX * MODULELEM		17 Mar 2017 10:55		0
626	CoCoA-5		Normal	Output Betti numbers		17 Sep 2014 13:11	CoCoA-5 function: new	0
615	CoCoA-5		Normal	Resume MayerVietorisTreeN1	Winfried Bruns	05 Sep 2014 11:28	CoCoA-4 function to be added	100
614	CoCoA-5		Normal	Add functions based on MayerVietorisTree	Anna Maria Bigatti	04 Sep 2014 14:05	CoCoA-4 function to be added	10
608	CoCoA-5		Normal	Emacs UI: C-return for send-line and send-region	John Abbott	03 Sep 2014 13:43	EmacsUI	100
606	CoCoA-5		Normal	Evaluate in ring operator (was called :: in CoCoA-4)	Anna Maria Bigatti	16 Feb 2022 20:02	CoCoA-4 function to be added	100
603	CoCoA-5		Normal	Resume CheckArgTypes	Anna Maria Bigatti	05 Sep 2014 11:28	CoCoA-4 function to be added	100
600	CoCoA-5		Normal	efficient subalgebras	Anna Maria Bigatti	30 Jul 2014 17:29	enhancing/improving	0

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596	CoCoA-5		Normal	function "packages"	Anna Maria Bigatti	24 Jul 2014 09:56	CoCoA-4 function to be added	100
590	CoCoA-5		Normal	package for subalgebras	Anna Maria Bigatti	26 Jun 2015 16:58	CoCoA-4 function to be added	100
588	CoCoA-5		Normal	Resume code for "gin" (generic initial ideal)	Anna Maria Bigatti	15 Sep 2014 18:28	CoCoA-4 function to be added	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
561	CoCoA-5		Normal	Emacs UI: unrecognized keywords (ImportByValue...)	Anna Maria Bigatti	02 Sep 2014 11:21	EmacsUI	100
553	CoCoA-5		Normal	Port function MantissaAndExponent2	John Abbott	03 Sep 2014 12:36	CoCoA-5 function: new	100
531	CoCoA-5		Normal	Package protected variables should know which package protected them	Anna Maria Bigatti	14 May 2021 17:37	Parser/Interpreter	100
523	CoCoA-5		Normal	EmacsUI: lower case keywords	Anna Maria Bigatti	07 May 2014 14:05	EmacsUI	100
518	CoCoA-5		Normal	incr/decr functions: to be used in packages	Anna Maria Bigatti	15 Sep 2014 18:27	Cleaning	100
514	CoCoA-5		Normal	submodule: minimize, minimized	Anna Maria Bigatti	09 May 2014 13:28	Incomplete function	100
512	CoCoA-5		Normal	Resurrect MakeCheck()	Anna Maria Bigatti	28 Jul 2014 16:20	CoCoA-4 function to be added	0
504	CoCoA-5		Normal	New operators: += -= *= /=	John Abbott	25 Oct 2019 11:55	CoCoA-5 function: new	20
502	CoCoA-5		Normal	New fn/object type: timer	Anna Maria Bigatti	02 May 2014 16:49	CoCoA-5 function: new	100
501	CoCoA-5		Normal	Toric: resurrect function TestSet (and find better name for it?)	Anna Maria Bigatti	09 Apr 2014 15:53	CoCoA-4 function to be added	0
500	CoCoA-5		Normal	Interpreter: is it possible to avoid useless prompts?	John Abbott	14 May 2021 17:43	Parser/Interpreter	100
492	CoCoA-5		Normal	New C5 fn for adjusting the warning level		22 Jul 2014 12:38	CoCoA-5 function: new	0
487	CoCoA-5		Normal	ScalarProduct accepts MatrixRow?		18 Jun 2019 15:22	CoCoA-4 function to be added	0
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
484	CoCoA-5		Normal	Evaluate in other ring (was called :: in CoCoA-4)	Anna Maria Bigatti	11 Sep 2014 17:43	CoCoA-4 function to be added	100
466	CoCoA-5		Normal	CoCoAManual: add entry summarising syntax of all CoCoA-5 commands	Anna Maria Bigatti	29 Jul 2015 12:12	Manual/documentation	100
464	CoCoA-5		Normal	Emacs UI: split horizontally instead of vertically?	Anna Maria Bigatti	03 Sep 2014 13:40	EmacsUI	100
461	CoCoA-5		Normal	New keyword " ->"? (same as "return")	John Abbott	26 Sep 2022 16:23	Parser/Interpreter	100
454	CoCoA-5		Normal	interpolate	John Abbott	04 Apr 2014 16:24	CoCoA-4 function to be added	0
453	CoCoA-5		Normal	Automatic conversion from INT (or RAT) to RINGELEM		02 Sep 2014 11:15		20
451	CoCoA-5		Normal	Port function NewSymbol/NewSymbols to CoCoA-5		09 Nov 2015 15:29	CoCoA-5 function: new	10
421	CoCoA-5		Normal	Allow user to give a name to a ring (in C5)		18 Jul 2014 15:05		10
419	CoCoA-5		Normal	FloatStr	John Abbott	24 Apr 2014 19:53	Incomplete function	100
414	CoCoA-5		Normal	New fn to increase max recursion depth	John Abbott	02 May 2014 17:05	CoCoA-5 function: new	100
393	CoCoA-5		Normal	add Value::from(HPSeries)	Anna Maria Bigatti	01 Aug 2013 07:35	Parser/Interpreter	100
392	CoCoA-5		Normal	add Value::from(factorization<...>)	Anna Maria Bigatti	01 Aug 2013 07:32	Parser/Interpreter	100

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384	CoCoA-5		Normal	IsZero for matrix	Anna Maria Bigatti	07 May 2014 14:01	Incomplete function	100
381	CoCoA-5		Normal	Emacs User Interface: Easier binding for sending a line to cocoa-5	Anna Maria Bigatti	07 May 2014 13:57	EmacsUI	100
380	CoCoA-5		Normal	Add Frobby functions to cocoa-5	Anna Maria Bigatti	24 Feb 2014 18:15	CoCoA-5 function: new	100
375	CoCoA-5		Normal	allow single function call in "use" : e.g. "Use NewFractionField(R);"		02 Sep 2014 11:14	Parser/Interpreter	0
372	CoCoA-5		Normal	add IsFactorClosed	John Abbott	21 Mar 2014 11:35	CoCoA-5 function: new	100
371	CoCoA-5		Normal	Resurrect LinearSimplify	John Abbott	07 Mar 2014 15:25	CoCoA-4 function to be added	100
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
367	CoCoA-5		Normal	implement LF/DF for an ideal	Anna Maria Bigatti	09 May 2014 12:51	Incomplete function	100
365	CoCoA-5		Normal	add function to compute minimal generators (like Minimalize)	Anna Maria Bigatti	15 May 2015 11:19	CoCoA-4 function to be added	100
362	CoCoA-5		Normal	New function: IsZeroDivisor	Anna Maria Bigatti	14 Apr 2014 09:14	CoCoA-5 function: new	100
359	CoCoA-5		Normal	RingOf for list	Anna Maria Bigatti	30 Jun 2015 15:10	CoCoA-4 function to be added	100
347	CoCoA-5		Normal	C5 cannot compute derivative of a ratfn	John Abbott	19 Feb 2014 21:34	CoCoA-5 function: new	100
346	CoCoA-5		Normal	Describe should indicate package name	Anna Maria Bigatti	19 Mar 2021 12:48	Parser/Interpreter	100
336	CoCoA-5		Normal	Mat(Module) should give error	Anna Maria Bigatti	06 Jul 2015 07:43	CoCoA-4 function: obsolete	100
331	CoCoA-5		Normal	Is it possible to have $R^3$ for NewFreeModule(R,3)?	Anna Maria Bigatti	15 Mar 2013 17:01	CoCoA-5 function: new	100
330	CoCoA-5		Normal	Syzygy for modules: homogeneous module	Anna Maria Bigatti	28 Jul 2014 16:35	CoCoA-4 function to be added	100
328	CoCoA-5		Normal	Swap	John Abbott	25 Mar 2014 15:11	CoCoA-5 function: new	100
318	CoCoA-5		Normal	implement "indent" for modules	Anna Maria Bigatti	01 Aug 2013 07:29	Incomplete function	100
317	CoCoA-5		Normal	BuiltInFunctions: evalArgAsLong	Anna Maria Bigatti	29 Jul 2015 16:15	Parser/Interpreter	100
309	CoCoA-5		Normal	(Multi)BlockMatrix	Anna Maria Bigatti	31 May 2013 14:41	CoCoA-5 function: new	100
284	CoCoA-5		Normal	BuiltInFunctions: more flexible typing in one-line function declaration		08 Apr 2014 08:25	Parser/Interpreter	100
276	CoCoA-5		Normal	TeXmacs interface		09 Apr 2014 15:01	GUI	0
274	CoCoA-5		Normal	InputForm for output readable as input	Anna Maria Bigatti	04 Apr 2014 16:43	CoCoA-5 function: new	10
273	CoCoA-5		Normal	Package for Polynomial Algebra Homomorphisms	Giulia Bianco	29 Jul 2014 09:31	CoCoA-5 function: new	100
270	CoCoA-5		Normal	Distribution for linux	Anna Maria Bigatti	11 Sep 2014 17:42	Release	100
245	CoCoA-5		Normal	Meaningful error for functions defined in "missing" external library	Anna Maria Bigatti	11 Sep 2014 17:40	Portability	100
243	CoCoA-5		Normal	Normaliz tests for CoCoA5	Christof Soeger	12 Oct 2016 15:01	External Libs	100
237	CoCoA-5		Normal	port homog/homogenized for ideal to cocoa-5	Anna Maria Bigatti	01 Aug 2013 07:23	CoCoA-4 function to be added	100
235	CoCoA-5		Normal	Add LucasTest to cocoa5?		04 Apr 2014 16:38	CoCoA-5 function: new	0
216	CoCoA-5		Normal	Janet Bases: port function into CoCoA-5		05 Nov 2021 16:12	CoCoA-5 function: new	20

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212	CoCoA-5		Normal	NBM: add to CoCoA-5	Anna Maria Bigatti	24 Feb 2014 18:07	CoCoA-4 function to be added	100
204	CoCoA-5		Normal	NmzComputation: the powerful NormalizComputation function in CoCoA-5	Christof Soeger	11 Sep 2014 17:39	CoCoA-5 function: new	100
200	CoCoA-5		Normal	add modules and module operations	Anna Maria Bigatti	15 May 2015 09:02	CoCoA-4 function to be added	100
188	CoCoA-5		Normal	CoCoAManual: entries for operators	Anna Maria Bigatti	02 Jul 2014 16:46	Manual/documentation	100
185	CoCoA-5		Normal	Banner for CoCoA-5	Anna Maria Bigatti	04 Jul 2012 10:03	Parser/Interpreter	100
184	CoCoA-5		Normal	MAT/INT ? MAT/RINGELEM ?	John Abbott	04 Jul 2012 09:58	CoCoA-5 function: new	100
175	CoCoA-5		Normal	Approximate BuchbergerMoeller: port to CoCoA-5	Anna Maria Bigatti	14 Mar 2023 22:12	CoCoA-4 function to be added	70
173	CoCoA-5		Normal	Anonymous symbols: should they be available in CoCoA-5?	Anna Maria Bigatti	02 Sep 2014 11:20	CoCoA-5 function: new	100
172	CoCoA-5		Normal	add customization for --fullCoCoALibError in EmacsUI	Anna Maria Bigatti	01 Jun 2012 17:36	EmacsUI	100
136	CoCoA-5		Normal	GUI: Add an edit menu to the top bar (CoCoA GUI on MacOS)		02 Jul 2014 16:56	GUI	0
133	CoCoA-5		Normal	Qt GUI: Make better distinction between input and output in the output window		12 Mar 2021 09:39	GUI	0
131	CoCoA-5		Normal	Conversion from bool to INT	John Abbott	04 Jul 2012 09:59	CoCoA-5 function: new	100
128	CoCoA-5		Normal	wordlist.txt generation	Anna Maria Bigatti	07 Jun 2012 18:31	EmacsUI	100
106	CoCoA-5		Normal	I:f (IDEAL and RINGELEM) -- operator colon	Anna Maria Bigatti	02 Sep 2014 11:12	Incomplete function	10
105	CoCoA-5		Normal	Add I*f and f*I (RINGELEM and IDEAL)	John Abbott	01 Apr 2014 18:46	Parser/Interpreter	100
101	CoCoA-5		Normal	rethrow in Try .. UponError .. EndTry		23 Oct 2020 10:18	Parser/Interpreter	0
97	CoCoA-5		Normal	OpenOFile		20 Oct 2020 18:13	Parser/Interpreter	0
95	CoCoA-5		Normal	Error/warning if fn-proc is neither fn nor proc?		15 Jun 2016 14:13	Parser/Interpreter	0
93	CoCoA-5		Normal	Hilbert series: global output rings for non-standard gradings	Anna Maria Bigatti	23 Jul 2013 18:13	CoCoA-4 function to be added	100
90	CoCoA-5		Normal	Make the new fn CoefficientsWRT available in C5	Anna Maria Bigatti	28 Nov 2012 11:31	CoCoA-5 function: new	100
80	CoCoA-5		Normal	"<=" for ideals	Anna Maria Bigatti	23 Jan 2012 14:31	CoCoA-4 function to be added	100
35	CoCoA-5		Normal	Optional warnings for fn-proc arity	John Abbott	07 Oct 2022 10:56	Parser/Interpreter	100
25	CoCoA-5		Normal	Function "Call"	Anna Maria Bigatti	05 Sep 2014 11:31	CoCoA-4 function: obsolete	100
13	CoCoA-5		Normal	(short) manual for emacs interface		12 Oct 2016 16:56	Manual/documentation	0
1304	CoCoA-5		Low	Hermite normal form		29 Aug 2019 14:43		0
1293	CoCoA-5		Low	Vim Plugin for CoCoA		24 Sep 2021 21:47	GUI	70
1012	CoCoA-5		Low	Chebyshev polynomials	John Abbott	03 Apr 2019 17:08	enhancing/improving	100
857	CoCoA-5		Low	floor, ceil, and NearestInt for RingElem in CoCoA-5?		21 Feb 2019 09:17	enhancing/improving	0
737	CoCoA-5		Low	Elementary transcendental functions (sin, cos, tan, log, exp)		20 Mar 2017 09:00	CoCoA-5 function: new	50
659	CoCoA-5		Low	Ring ID: separate index values for "system created rings"?		23 Jan 2015 14:11	enhancing/improving	0
657	CoCoA-5		Low	use command, ring syntax, RingOf		20 Jan 2015 20:32	enhancing/improving	0



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653	CoCoA-5		Low	Emacs UI: use "warning colour" for an unmatched */		04 Dec 2014 15:39	EmacsUI	0
352	CoCoA-5		Low	Should SourceRegion echo the "region"?	Anna Maria Bigatti	30 Jul 2015 14:19	Parser/Interpreter	100
299	CoCoA-5		Low	GUI: message "running.." (close to output window?)		15 May 2020 10:56	GUI	0
250	CoCoA-5		Low	CoCoALib BuildInfo vs CoCoA-5 VersionInfo	Anna Maria Bigatti	14 May 2021 17:48	Cleaning	100
183	CoCoA-5		Low	Template for unaryMinus?		25 Jul 2018 17:15	Parser/Interpreter	0