

## CoCoA-5 - Issues

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
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
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
1587	CoCoA-5		Normal	Multiline string literals (again)	John Abbott	14 Mar 2023 21:52	Parser/Interpreter	100
1543	CoCoA-5		High	Default path for packages	Anna Maria Bigatti	08 Jan 2021 11:28	Parser/Interpreter	100
1536	CoCoA-5		Normal	Implement xel?	John Abbott	24 Sep 2021 22:37	CoCoA-4 function to be added	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
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
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
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
1410	CoCoA-5		High	IsDivisible also for INT	Anna Maria Bigatti	13 Feb 2020 15:40	enhancing/improving	100
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
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
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
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
1272	CoCoA-5		Normal	Groebner Bases over ZZ	John Abbott	17 Feb 2022 21:22	CoCoA-5 function: new	100
1247	CoCoA-5		Normal	sleep function	John Abbott	04 Mar 2019 18:00	CoCoA-5 function: new	100

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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
1236	CoCoA-5		High	Add "socket" devices	John Abbott	19 Feb 2020 11:43	CoCoA-4 function to be added	100
1231	CoCoA-5		Normal	system command	John Abbott	27 Sep 2019 17:25	CoCoA-4 function to be added	100
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
1174	CoCoA-5		High	package of a function --> of an identifier!	Anna Maria Bigatti	29 Jan 2021 15:43	CoCoA-5 function: new	100
1142	CoCoA-5		Normal	NewZZmod: port to CoCoA-5	Anna Maria Bigatti	16 Jan 2018 15:30	CoCoA-5 function: new	100
1122	CoCoA-5		Normal	New fn: RandomLinearForm	Anna Maria Bigatti	30 Jul 2018 14:22	CoCoA-5 function: new	100
1119	CoCoA-5		High	Mailing list for CoCoAUsers	Anna Maria Bigatti	16 Jan 2018 15:44	Release	100
1112	CoCoA-5		Normal	New function: IsEmpty	Anna Maria Bigatti	22 Dec 2023 19:21	CoCoA-5 function: new	100
1084	CoCoA-5		Normal	New function: PrevPrime	John Abbott	13 Nov 2017 15:43	CoCoA-5 function: new	100
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
1012	CoCoA-5		Low	Chebyshev polynomials	John Abbott	03 Apr 2019 17:08	enhancing/improving	100
1011	CoCoA-5		High	Random seed fn	John Abbott	15 Nov 2017 17:43	CoCoA-4 function to be added	100
1007	CoCoA-5		Normal	(makefile) New "clean" target which does not clean documentation	John Abbott	30 Jul 2018 18:02	Portability	100
996	CoCoA-5		High	New function: IdealOfGBasis	Anna Maria Bigatti	29 Apr 2017 08:34	CoCoA-5 function: new	100
988	CoCoA-5		Normal	Makefile: install target for cocoa5	John Abbott	15 Dec 2017 15:46	Portability	100
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
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

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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
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
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
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
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
744	CoCoA-5		High	Handle interrupts more helpfully	John Abbott	02 Mar 2017 16:15	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
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
708	CoCoA-5		High	ExternalLib Normaliz: verbose flag?	John Abbott	05 May 2017 10:36	enhancing/improving	100
704	CoCoA-5		Normal	rename MinGensGeneral?	Anna Maria Bigatti	29 Jul 2015 16:15	Renaming	100
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
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
615	CoCoA-5		Normal	Resume MayerViorisTreeN1	Winfried Bruns	05 Sep 2014 11:28	CoCoA-4 function to be added	100
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

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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
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
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
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: minimalize, minimalized	Anna Maria Bigatti	09 May 2014 13:28	Incomplete function	100
502	CoCoA-5		Normal	New fn/object type: timer	Anna Maria Bigatti	02 May 2014 16:49	CoCoA-5 function: new	100
500	CoCoA-5		Normal	Interpreter: is it possible to avoid useless prompts?	John Abbott	14 May 2021 17:43	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
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
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
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 Froby functions to cocoa-5	Anna Maria Bigatti	24 Feb 2014 18:15	CoCoA-5 function: new	100
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
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

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352	CoCoA-5		Low	Should SourceRegion echo the "region"?	Anna Maria Bigatti	30 Jul 2015 14:19	Parser/Interpreter	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
306	CoCoA-5		High	Function for accessing the pointed value	Anna Maria Bigatti	21 Mar 2014 11:31	Parser/Interpreter	100
284	CoCoA-5		Normal	BuiltInFunctions: more flexible typing in one-line function declaration		08 Apr 2014 08:25	Parser/Interpreter	100
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
250	CoCoA-5		Low	CoCoALib BuildInfo vs CoCoA-5 VersionInfo	Anna Maria Bigatti	14 May 2021 17:48	Cleaning	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
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
193	CoCoA-5		High	BuiltinFunctions.C getting too long (2000 lines)	Anna Maria Bigatti	01 Aug 2013 08:10	Parser/Interpreter	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
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
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
105	CoCoA-5		Normal	Add $I^f$ and $f^I$ (RINGELEM and IDEAL)	John Abbott	01 Apr 2014 18:46	Parser/Interpreter	100

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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
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
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
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
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