



UniversalGBasis: sometimes gives (...)	Closed 100%
Add "exit" in addition to "ciao"	Closed 100%
New function: StdBasis (standard (...))	Closed 100%
New function: SymmetricPolys	Closed 100%
Manual: XML problem with html doc	Closed 100%
New function: multigraded BettiNumbers	Closed 100%
GroebnerFanIdeals: verbosity and (...)	Closed 100%
SEGV: Toric example from Kazuki (...)	Closed 100%
LaTeX(x^10) should use curly brackets	Closed 100%
New function: IdealOfGBasis	Closed 100%
Emacs UI: sending empty input from (...)	Closed 100%
Emacs UI: cocoa5-send-line skips (...)	Closed 100%
New function: SetGBasisAsGens [--> (...)]	Rejected 100%
Interpreter: limit range for ".." (...)	Closed 100%
Readline: cursor moves wrongly (...)	Closed 100%
Emacs: sent interrupt to CoCoA	Closed 100%
CoCoAManual: entry for SetVerbosityLevel/VerbosityLevel	Closed 100%
New function: IsCoprime	Closed 100%
New function: SectionalMatrix, (...)	Closed 100%
Error message from cocoa5lib to (...)	Closed 100%
CoCoA-5 no longer lists the external (...)	Closed 100%
NewPolyRing with user defined ordering (...)	Closed 100%
ReadExpr(P, string) and RingElem(P, (...))	Closed 100%
CoCoA-5 - CoCoA-5.3.0	CoCoA-5.3.0 100%
Type info in CoCoA-5 manual	Closed 100%
GUI compilation: GMP is not naturally (...)	Closed 100%
CoCoA5 GUI; failed build "wrong" (...)	Rejected 100%
GUI: fix DEFINES in makefile	Closed 100%
Emacs UI: strange string literal (...)	Closed 100%
Error message: I was expecting...	Closed 100%
Find out how to compile statically (...)	Closed 100%
Option to "fold" long lines?	Closed 100%
ImportByRef and ImportByValue behave (...)	Closed 100%
Emacs UI: comint buffer silently (...)	Closed 100%

CoCoA-5 distribution: tidying	Closed 100%
make htmldoc always recreates everything (...)	Closed 100%
Using protected variable names (...)	Closed 100%
Chebyshev polynomials	Closed 100%
CoCoA Manual: consistent spacing (...)	Closed 100%
CoCoAManual: add a page with some (...)	Closed 100%
Web site	Closed 100%
CoCoA-5 tests directory: cleaning	Rejected 100%
NewRingFp obsolescent; superseded (...)	Closed 100%
Release CoCoA-5.3.0	Closed 100%
Lexer: unclosed multi-line comment	Closed 100%
ExternalLibs return empty list	Closed 100%
PrimaryDecomposition with lex ordering	Closed 100%
system command	Closed 100%
Add "socket" devices	Closed 100%
CartesianProductList: case of just (...)	Closed 100%
John's visit Feb 2019	Closed 100%
New function: Read a string into (...)	Closed 100%
sleep function	Closed 100%
Manual page for CantStop	Closed 100%
ASCII function	Closed 100%
NewPolyRing and SymbolRange together (...)	Closed 100%
SortBy and SortedBy sometimes give (...)	Closed 100%
CartesianProductList: too slow	Closed 100%
Website: trouble with the world (...)	Closed 100%
len for RINGELEM ?!?	Closed 100%
assert-function for cocoa5	Closed 100%
NewPolyRing: allow symbols with (...)	Closed 100%
Manual looking for "?"	Rejected 100%
Linking problem	Closed 100%
THINGS TO DO IN GENOVA September (...)	Closed 100%
Wrong links on page about COCOA (...)	Closed 100%
Manual entry about reporting bugs?	Closed 100%
Matrix row reduction (rref)	Closed 100%

Clean CoCoA-5/tests directory	Closed 100%
RealRoots fails on $-x^2$	Closed 100%
SEGV when debugging is active	Closed 100%
Emacs UI: emacs does not recognize (...)	Closed 100%
Inconvenient PolyRingHom, PolyAlgebraHom	Closed 100%
Typevectors	Closed 100%
sylvester or SylvesterMat?	Closed 100%
ManExamples: some problems	Closed 100%
Clean out OBSOLESCENT	Rejected 100%
cocoa5 (launch) script: sleep time	Closed 100%
Emacs UI: should active input line (...)	Closed 100%
Emacs UI: start cocoa5 with system (...)	Closed 100%
CoCoA-5.3.0: release linked with (...)	Closed 100%
Improve manual for mod	Closed 100%
Add function power to CoCoA-5	Closed 100%
SEGV: should have been harmless	Closed 100%
NewPolyRing on MS Windows	Closed 100%
NewPolyRing and SymbolRange	Closed 100%
valgrind: reports 456byte leak	Closed 100%
IsIndetPosPower: behaviour and (...)	Closed 100%
John's visit Feb 2020	Closed 100%
CoCoA-5 test: radical too slow	Closed 100%
CoCoA-5 interpreter: idle/busy (...)	Closed 100%
Title of manual entry: tutorial (...)	Closed 100%
Parolacce e basi border	Closed 100%
Which commands should "terms" be (...)	Closed 100%
CoCoAManual - tex: error if syntax (...)	Closed 100%
IsDivisible also for INT	Closed 100%
IdealOfProjectivePoints and MinGens: (...)	Closed 100%
SEGV: error("")	Closed 100%
'UNCAUGHT UNKNOWN EXCEPTION' when (...)	Closed 100%
ABORT for unterminated string literal	Closed 100%
New function: LinearForm	Closed 100%
CoCoAInterpreter: executable size	Closed 100%

**CoCoA-5 - CoCoA-5.0.2**

Add "syntax" to online manual

CoCoA-5 Manual

Modify the packages so that -w3 (...)

Porting package "primary.cpkg" (...)

Sort entries in CoCoAHelp.xml and (...)

"<=" for ideals

Makefile problem with GUI on linux

Unhandled division by zero in FFp

SmoothFactor should allow large (...)

PP ordering bug

**CoCoA-5 - CoCoA-5.0.3**

source region

How to get the version number of (...)

GUI: problem with "--" comment

RealRoots should use IsRational

Packages: should exported functions (...)

Bad error mesg using operator ":"

Surprise return type for GCD of (...)

wordlist.txt generation

Conversion from bool to INT

JAA does not like the name IndetInd

May AsRAT produce an INT?

Multiplicity sometimes wrong

RegularityIndex <= 0

RealRootsApprox bombs

Dim/Multiplicity with Lex ordering (...)

add customization for --fullCoCoALibError (...)

MAT/INT ? MAT/RINGELEM ?

Banner for CoCoA-5

LCM(0,x)

malloc ERROR

Slow lex gbasis

indent prints strings without quotes

Unhandled CoCoALib error: mixed (...)   
segmentation fault with function (...)   
Builtin Normaliz functions not (...)   
NBM: add to CoCoA-5   
Makedependencies of CoCoA-5 fails (...)   
Trouble on Linux: many CoCoA-5 (...)   
Builtin Normaliz functions not (...)   
Cyclotomic(106743) fails   
test lecture-HF4   
EmacsUI: indentation is wrong with (...)   
Rename IndetsCalled to indets   
Add CpuTime to C5 manual   
(Multi)BlockMatrix   
manual entry for "indent"   
Mat(Module) should give error   
Interpreter SEGV   
basic\_string::erase error in interpreter   
C5 cannot compute derivative of (...)   
CoCoA website: CoCoA-5.0.3 pages   
CoCoA-5 - CoCoA-5.0.9   
Elim(t, I)   
Make the new fn CoefficientsWRT (...)   
Hilbert series: global output rings (...)   
Add I\*f and f\*I (RINGELEM and IDEAL)   
BuiltinFunctions.C getting too (...)   
HilbertBasis segv   
port homog/homogenized for ideal (...)   
Function for accessing the pointed (...)   
implement "indent" for modules   
CoCoAManual: display syntax first   
Swap   
Is it possible to have  $R^3$  for (...)   
CoCoA website: CoCoA-5.0.9 pages   
Incr command/function

add function to compute minimal (...)  
OnlineHelp: Problem with "><" (...)  
Resurrect LinearSimplify  
add IsFactorClosed  
Add Frobbly functions to cocoa-5  
add Value::from(factorization<..>)  
add Value::from(HPSeries)  
problem with ContentFreeFactor (...)  
What does interreduce do?  
Emacs UI: semicolon does not work (...)  
lambda keyword  
Not keyword/operator  
EmacsUI: indentation is wrong sometimes (...)  
intersection fails with zero ideal  
Emacs UI: names of emacs fns  
CoCoA-5.0.9 release (admin, overheads, (...))  
CoCoA-5 - CoCoA-5.1.0 Easter14  
Printing matrices: I/O unified (...)  
Default reason for protected variables  
CoCoAManual: Doc for new commands  
TeX documentation for CoCoA-5  
CoCoAManual: entries for operators  
add modules and module operations  
describe \$package  
HilbertBasis: cocoa vs normaliz  
Normaliz functions not available (...)  
BuiltInFunctions: more flexible (...)  
How to obtain an integer from a (...)  
CoCoAManual: entry for "and", "or", (...)  
Remove/replace the word "vector" (...)  
New function: IsZeroDivisor  
implement LF/DF for an ideal  
write documentation for TgCone (...)  
Emacs User Interface: Easier binding (...)

IsZero for matrix  
Naming conventions: upper or lower (...)  
Resurrect Relnotes()  
New fn to increase max recursion (...)  
FloatStr  
Emacs UI: C-c C-e does not ignore (...)  
CoCoA-5.0.3 Microsoft std::bad\_alloc  
Emacs UI: updating abbrev-table  
Emacs UI: semicolon problems  
Make man page for "It" easier to (...)  
Emacs UI: cocoa5-close-block should (...)  
Nested multiline comments  
Record keyword  
Multiline string literals - useful (...)  
Eliminate package approx  
Multiline comments -- obsolescent?  
CoCoAManual: Doc for strings  
Emacs UI: installation on Mac OS (...)  
CoCoAManual: add page about creating (...)  
New fn/object type: timer  
submodule: minimize, minimized  
SyzOfGens (CoCoA-5) does not have (...)  
EmacsUI: lower case keywords  
Naive version of resolution and (...)  
New package: OBSOLESCENT  
Remove float.cpkg5  
CoCoAManual: improve part on data-types  
sorted gives wrong answer sometimes  
CoCoAManual: improve part on language  
CoCoAManual: semi-automatic check (...)  
Release: CoCoA-5.1.0  
CoCoA-5 - CoCoA-5.1.1 Seoul14  
How to get the compilation flags (...)  
Function "Call"



CoCoAManual: obsolete entries in (...)  
Function "insert": obsolescent  
Misprints suggestions: Z --> ZZ  
BringIn should allow reduction (...)  
Anonymous symbols: should they (...)  
Unescaped double quote inside superstring  
NmzComputation: the powerful NormalizComputation (...)  
Meaningful error for functions (...)  
Distribution for linux  
Package for Polynomial Algebra (...)  
Bug in Radical (actually a RingHom (...)  
How to test (automatically) a user (...)  
BuiltinFunctions: General "OneLiner" (...)  
Value::from makes BigIntValue::fromInt (...)  
interpreter proposes no near misses (...)  
Correct font for variable references (...)  
Syzygy for modules: homogeneous (...)  
MacOS version with static gcc libraries  
Ungraceful behaviour: Source inside (...)  
Subtle bug with CoeffEmbeddingHom  
EMACS UI: fix windows splitting  
Misuse of dot-dot operator  
EMACS UI: trouble with sending (...)  
CoCoAManual: New structure for (...)  
Emacs UI: split horizontally instead (...)  
Evaluate in other ring (was called (...)  
CoCoAManual: Help page for porting (...)  
Cleanup Hilbert package hp.cpkg5  
incr/decr functions: to be used (...)  
BuiltinFunctions: remove calls (...)  
BuiltinFunctions: evalArgAsT1OrT2, (...)  
Unify releases for Linux 32 and (...)  
Interpreter: problem when calling (...)  
ideal wants LIST of RINGELEM

Automatic conversion from RINGELEM (...)  
C5 BuiltinFunctions.c fn RingElem  
Port function MantissaAndExponent2  
CoCoAManual: improve part on tagging  
Emacs UI: unrecognized keywords (...)  
Remove ZMOD type from CoCoAInterpreter  
Online help: problem with "<>"  
Emacs UI: coloured syntax in output (...)  
Disallow juxtaposition for string (...)  
Resume code for "gin" (generic (...)  
CharPoly(MAT) and MinPoly(MAT) (...)  
rename BigIntValue, IdealValue (...)  
function "packages"  
Resume CheckArgTypes  
Release: CoCoA-5.1.1  
Emacs UI; remove send-buffer?  
Emacs UI: C-return for send-line (...)  
Package "empty.cpkg5"  
Resume MayerVietorisTreeN1  
CoCoA-5 - CoCoA-5.1.2 summer 2015  
CoCoA-5 emacs interface bug (minor): (...)  
How to add a test for CoCoA-5 (CoCoAInterpreter)  
BuiltinFunctions: evalArgAsLong  
Approx pts preprocessing fns  
Should SourceRegion echo the "region"?  
RingOf for list  
CoCoAManual: add entry summarising (...)  
Initialization for CoCoA-5: file (...)  
Duplicate fns: valuation and FactorMultiplicity  
Manual: duplication in "see also" (...)  
Printing rings with ID  
package for subalgebras  
Release: CoCoA-5.1.2  
New function: RandomSubset

<p>Symbol in the coeff ring</p> <p>GenRepr fails if there are zero (...)</p> <p>Flag to enable/disable printing (...)</p> <p>Rename adjoint to adjugate???</p> <p>Remove keyword "weights"?</p> <p>Emacs UI: wrong name after auto-inserting (...)</p> <p>Emacs UI: set back "cocoa5-executable" (...)</p> <p>rename MinGensGeneral?</p> <p>meaningful error for IDEAL <math>\leq</math> IDEAL</p> <p>CoCoAManual: improve part on RINGHOM</p> <p>Readline: consider creating a textual (...)</p> <p>TopLevel cannot "import" a package (...)</p> <p>Primary Decomposition in CoCoA-5: (...)</p> <p>Primary Decomposition in CoCoA-5.1.2: (...)</p> <p>Readline: avoid printing out READLINE (...)</p> <p>CoCoA-5 - CoCoA-5.1.3/4 Jan 2016</p> <p>Added 3 times defn of isblank fn</p> <p>odd and even numbers for snapshots/official (...)</p> <p>Interpreter interrupt delayed confusingly</p> <p>Release: CoCoA-5.1.3 and CoCoA-5.1.4</p> <p>MacOSX: many warnings with compiler (...)</p> <p>CoCoA-5 test (SourceAnna); problem (...)</p> <p>Emacs UI: problems with packages (...)</p> <p>Which external libs are present?</p> <p>Primary Decomposition in CoCoA-5.1.3: (...)</p> <p>description of a RING</p> <p>Evaluating a QuasiPol</p> <p>CoCoA version number: copy CoCoALib</p> <p>Rename Log to exponents</p> <p>Rename LogToTerm to MakeTerm</p> <p>New fns: MaxBy and MinBy to find (...)</p> <p>BuiltinFunctions -- getting too (...)</p> <p>IsMaximal, IsPrimary for IDEAL (...)</p> <p>CoCoA-5 - CoCoA-5.2.2</p>	
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CoCoA-5 (partial) releases: make (...)  
Linking problems in CoCoA-5 GUI  
CoCoA website: download pages and (...)  
Compiler g++ 4.2.1 (clang-503.0.40) (...)  
Release: CoCoA-5.2.2  
Error column indicator misaligned (...)  
Interpreter: Avoid outputting an (...)  
C5 GUI: slow to close  
use poly ring with many variables (...)  
Rename Fact to factorial?  
Check all fns in packages work (...)  
SqFreeFactor: small (or big) bug?  
Makefile: install target for cocoa5  
CoCoAManual for "all cocoa commands"  
Random seed fn  
Rename minimalized(l) into IdealOfMinGens(l)?  
CoCoA Manual: search should ignore (...)  
CoCoAManual for verbosity: how (...)  
IsInRadical: fragile code  
CoCoAManual: duplication (2 pages (...)  
describe ring: add final newline  
IsRadical bug?  
"Randomize" and "Randomized" obsolete?  
RelNotes: current version or all (...)  
CoCoAManual: entry for radical  
intersect: problem with zero generators  
New function: PrevPrime  
EmacsUI: get error "wrong-type-argument" (...)  
ExternalLib-MathSAT: (first) prototype (...)  
Design issues for discussion in (...)  
TimeOut not working as hoped/expected  
PrimaryDecomposition0: says not (...)  
Emacs UI can be slow in M\$ Windows  
Mailing list for CoCoAUsers

<p>Should "minimalize" be obsolescent?  subalgebra package obsolete?  HomomorphismFns.cpkg5 no longer (...)  Radical bug  Latex: ideal  Radical problems  ImplicitModular: too many bad primes  NewZZmod: port to CoCoA-5  CoCoA-5 - CoCoA-5.2.4  Unhelpful error messages when SmallExponent_t (...)  ApproxSolve very slow on this example  CommonDenom: for polys and lists?  (makefile) New "clean" target which (...)  Some other examples for 0-dim radical  New fn: RandomLinearForm  Release CoCoA-5.2.4  Release: problems with sed  FactorAlgExt  Manual: loading manual entries (...)  MinSubsetOfGens: problem with generators (...)  Product of empty list: manual and (...)  HilbertBasisKer: unhelpful error (...)  HilbertBasisKer: SEGV (again)  ApproxSolve: log(0) on some examples  New package: poset  New package: arrangements  CoCoA-5 - CoCoA-5.3.2  cocoa5 script for releases  EmacsUI: sending line with "7" (...)  Release CoCoA-5.3.2  CoCoA-5 - CoCoA-5.4.0  Font for parameters in manual  CoCoALib BuildInfo vs CoCoA-5 VersionInfo  Describe should indicate package (...)</p>	
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Manual for CoCoAManual/CoCoAHelp.xml  
Evaluate in ring operator (was (...)  
Interpreter: is it possible to (...)  
Interpreter error message: "for" (...)  
Package protected variables should (...)  
Distinguish indets from symbols (...)  
Undesirable consequence of automatic (...)  
Ring constructor: allow empty range (...)  
Builtin fn makes unnecessary copy (...)  
Local variables hiding out ones (...)  
External libs: interrupting not (...)  
RationalSolve: wrongly complains (...)  
CoCoA-5 prompt for incomplete input  
Release for MacOS: compilation (...)  
Readline: does not recognize interrupts  
CoCoAManual: searching for ?? mat (...)  
ConcatList or ConcatLists  
package of a function --> of an (...)  
Rename HilbertBasisKer into LinKerHilbertBasis?  
Package exported function: wrong (...)  
CoCoAManual: ensure that LaTeX (...)  
RationalSolve: gives "Error: must (...)  
RationalSolve: gives wrong answer  
Documentation for how to write (...)  
RationalSolve: use MinPolyQuot (...)  
Groebner Bases over ZZ  
Better err mesg for easy typo in (...)  
CoCoA-5 tests may fail even if (...)  
How can user find the indent command?  
CoCoA-5 header files: should use (...)  
ApproxSolve: another slow example  
Website: download page for CoCoA-4 (...)  
Crashes if CoCoAHelp.xml is missing  
Website: hide/delete all the CoCoA-4 (...)

**Tagged values (Hilbert Series)**  
**Emacs UI: font size**  
**Juxtaposition of string literals**  
**Illegal instruction**  
**Manual entry for RandomLinearForm**  
**CoCoA Manual: make search keys (...)**  
**In a release: which files inside (...)**  
**Manual entries for mod and div**  
**Automatic mapping for multiplication?**  
**Release CoCoA-5.4.0**  
**HilbertBasis: clarify**  
**CoCoA release for linux: CoCoAInterpreter: (...)**  
**EOF for OpenIFile**  
**Unhelpful error message for package (...)**  
**Automatic ring mapping in assignment?**  
**Package exporting nothing?**  
**Export many names or just one?**  
**testing for syntax errors**  
**OnlineHelp: XMLFileName**  
**EmacsUI: fix "Go to Error C-c C-p"**  
**Remove XMLFileName from Main.C**  
**wordlist without OBSOLETE entries?**  
**RingElems with empty input**  
**Package with unexpected EOF**  
**Cocoa crashes when calling RingElems**  
**substring function**  
**Replace BOOST\_FOREACH by new C++14 (...)**  
**wrong SystemCommand exit value**  
**CoCoA Manual: homogenize obsolete/obsolescent (...)**  
**EmacsUI: help/manual for selected (...)**