

CoCoA-5 - CoCoA-5.2.0 (Spring 17)

| # | Priority | Subject | Assignee | Updated | Category | % Done | Estimated time |
|-----------------------------------|----------|---|--------------------|-------------------|-----------------------|--------|----------------|
| CoCoA-5 function: new (11) | | | | | | | |
| 1017 | Normal | New function: SetGBasisAsGens [--> NO: use IdealOfGBasis] | Anna Maria Bigatti | 10 Apr 2017 17:43 | CoCoA-5 function: new | 100 | 0.51 |
| 734 | Normal | Primary Decomposition in CoCoA-5: zero dimensional, zero characteristic | Elisa Palezzato | 07 Apr 2017 10:13 | CoCoA-5 function: new | 100 | 40.01 |
| 845 | Normal | Primary Decomposition in CoCoA-5.1.6: zero dimensional, finite characteristic | Elisa Palezzato | 10 Apr 2017 16:47 | CoCoA-5 function: new | 100 | 20.1 |
| 903 | Normal | New function CallOnGroebnerFanIdeals: call function on GFan ideals | Anna Maria Bigatti | 26 Apr 2017 19:04 | CoCoA-5 function: new | 100 | 4.0 |
| 927 | Normal | Add "exit" in addition to "ciao" | John Abbott | 01 Mar 2017 14:15 | CoCoA-5 function: new | 100 | 1.56 |
| 954 | Normal | New function: StdBasis (standard basis) | Anna Maria Bigatti | 01 Mar 2017 14:11 | CoCoA-5 function: new | 100 | 6.01 |
| 959 | Normal | New function: SymmetricPolys | Anna Maria Bigatti | 01 Mar 2017 14:10 | CoCoA-5 function: new | 100 | 2.0 |
| 965 | Normal | New function: multigraded BettiNumbers | Anna Maria Bigatti | 10 Apr 2017 17:39 | CoCoA-5 function: new | 100 | 4.01 |
| 996 | High | New function: IdealOfGBasis | Anna Maria Bigatti | 29 Apr 2017 08:34 | CoCoA-5 function: new | 100 | 2.01 |
| 1043 | Normal | New function: IsCoprime | Anna Maria Bigatti | 28 Apr 2017 19:21 | CoCoA-5 function: new | 100 | 1.0 |
| 1044 | Normal | New function: SectionalMatrix, PrintSectionalMatrix | Anna Maria Bigatti | 10 Apr 2017 17:55 | CoCoA-5 function: new | 100 | 2.01 |
| EmacsUI (4) | | | | | | | |
| 748 | 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 | 3.01 |
| 998 | Low | Emacs UI: sending empty input from cocoa5 buffer | John Abbott | 26 Apr 2017 17:19 | EmacsUI | 100 | 3.1 |
| 1002 | Normal | Emacs UI: cocoa5-send-line skips too many chars | John Abbott | 27 Apr 2017 11:31 | EmacsUI | 100 | 2.6 |
| 1038 | Normal | Emacs: sent interrupt to CoCoA | Anna Maria Bigatti | 26 Apr 2017 17:20 | EmacsUI | 100 | 4.01 |
| enhancing/improving (13) | | | | | | | |
| 708 | High | ExternalLib Normaliz: verbose flag? | John Abbott | 05 May 2017 10:36 | enhancing/improving | 100 | 3.01 |
| 744 | High | Handle interrupts more helpfully | John Abbott | 02 Mar 2017 16:15 | enhancing/improving | 100 | 2.0 |
| 870 | Urgent | GBasis of product of ideals is wrong (Vadim Tropashko) --> l.myReset() | Anna Maria Bigatti | 26 Apr 2017 15:56 | enhancing/improving | 100 | 2.01 |
| 877 | Normal | Easier syntax to make a PRINCIPAL ideal? | John Abbott | 27 Apr 2017 14:57 | enhancing/improving | 100 | 0.77 |
| 878 | Normal | RingElem applied to a symbol (repr as a string) | Anna Maria Bigatti | 27 Apr 2017 14:34 | enhancing/improving | 100 | 1.8 |
| 883 | Normal | gin: return/print a suitable change of variables | Anna Maria Bigatti | 26 Apr 2017 17:25 | enhancing/improving | 100 | 2.01 |
| 909 | Normal | ReadExpr: decimal point | John Abbott | 27 Apr 2017 11:43 | enhancing/improving | 100 | 2.0 |
| 973 | High | GroebnerFanIdeals: verbosity and output style | Anna Maria Bigatti | 28 Apr 2017 15:14 | enhancing/improving | 100 | 5.5 |
| 994 | Urgent | SEGV: Toric example from Kazuki Maeda | Anna Maria Bigatti | 07 Apr 2017 09:48 | enhancing/improving | 100 | 6.01 |
| 995 | Normal | LaTeX(x^10) should use curly brackets | John Abbott | 01 Mar 2017 13:35 | enhancing/improving | 100 | 0.251 |

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| 1028 | Normal | Readline: cursor moves wrongly when at start of line with a prompt | John Abbott | 27 Apr 2017 11:35 | enhancing/improving | 100 | 0.99 |
| 1047 | High | NewPolyRing with user defined ordering is slower than CoCoALib | Anna Maria Bigatti | 01 May 2017 10:43 | enhancing/improving | 100 | 5.31 |
| 1051 | Normal | ReadExpr(P, string) and RingElem(P, string) | Anna Maria Bigatti | 28 Apr 2017 19:06 | enhancing/improving | 100 | 3.0 |
| External Libs (3) | | | | | | | |
| 243 | Normal | Normaliz tests for CoCoA5 | Christof Soeger | 12 Oct 2016 15:01 | External Libs | 100 | 3.05 |
| 711 | Normal | External Libs: print credits? | Anna Maria Bigatti | 28 Apr 2017 14:49 | External Libs | 100 | 4.4 |
| 757 | Immediate | readline: fix script for finding libreadline | John Abbott | 28 Apr 2017 09:13 | External Libs | 100 | 4.01 |
| Incomplete function (3) | | | | | | | |
| 405 | Normal | ReducedGBasis not memorized in an ideal | Anna Maria Bigatti | 28 Apr 2017 09:14 | Incomplete function | 100 | 2.01 |
| 880 | Normal | subst should check that indet is in same ring as 1st arg, but does not. | Anna Maria Bigatti | 01 Mar 2017 13:34 | Incomplete function | 100 | 1.0 |
| 918 | Normal | UniversalGBasis: sometimes gives error | Anna Maria Bigatti | 12 Oct 2016 15:01 | Incomplete function | 100 | 2.05 |
| Manual/documentation (6) | | | | | | | |
| 170 | Normal | CoCoAManual HTML: page for "Try" | Anna Maria Bigatti | 06 Mar 2017 16:44 | Manual/documentation | 100 | |
| 521 | Normal | Manual: automatically check all examples | | 28 Apr 2017 14:34 | Manual/documentation | 100 | |
| 863 | High | CoCoA-5 manual: IsInteger and IsRational are missing? | Anna Maria Bigatti | 27 Apr 2017 15:03 | Manual/documentation | 100 | 0.77 |
| 963 | High | Manual: XML problem with html doc | Anna Maria Bigatti | 26 Apr 2017 16:00 | Manual/documentation | 100 | 2.0 |
| 1040 | High | CoCoAManual: entry for SetVerbosityLevel/VerbosityLevel | Anna Maria Bigatti | 27 Apr 2017 15:20 | Manual/documentation | 100 | 0.99 |
| 1046 | Low | CoCoA-5 no longer lists the external libs present | Anna Maria Bigatti | 27 Apr 2017 15:38 | Manual/documentation | 100 | 1.01 |
| Parser/Interpreter (3) | | | | | | | |
| 478 | Normal | Use of dollar-dot (\$.) in packages | John Abbott | 05 Sep 2016 12:39 | Parser/Interpreter | 100 | 0.7 |
| 1018 | Normal | Interpreter: limit range for ".." operator | John Abbott | 28 Apr 2017 16:20 | Parser/Interpreter | 100 | 1.44 |
| 1045 | Normal | Error message from cocoalib to cocoa-5 | Anna Maria Bigatti | 28 Apr 2017 19:21 | Parser/Interpreter | 100 | 1.01 |
| Release (2) | | | | | | | |
| 851 | High | Release: CoCoA-5.2.0 | Anna Maria Bigatti | 08 May 2017 11:57 | Release | 100 | 14.01 |
| 852 | Normal | fix OnlineManual.C so that version number may be removed from CoCoAHelp.xml | Anna Maria Bigatti | 01 Mar 2017 13:31 | Release | 100 | 1.0 |
| Renaming (1) | | | | | | | |
| 868 | Normal | Der, Bin: why the capital letter? | Anna Maria Bigatti | 28 Apr 2017 09:24 | Renaming | 100 | 2.01 |