

## CoCoA-5 - CoCoA-5.2.2 (January 18)

| #                                       | Priority | Subject  | Assignee           | Updated           | Category                     | % Done | Estimated time |
|---|----------|--|--------------------|-------------------|------------------------------|--------|----------------|
| <b>bug (1)</b>                          |          |  |                    |                   |                              |        |                |
| 1140                                    | Normal   | ImplicitModular: too many bad primes   | Anna Maria Bigatti | 16 Jan 2018 15:45 | bug                          | 100    | 1.01           |
| <b>Cleaning (3)</b>                     |          |  |                    |                   |                              |        |                |
| 1092                                    | Normal   | Design issues for discussion in July 2017  |                    | 11 Dec 2017 19:21 | Cleaning                     | 100    |                |
| 1127                                    | Normal   | subalgebra package obsolete?   | Anna Maria Bigatti | 16 Jan 2018 15:59 | Cleaning                     | 100    | 2.01           |
| 1128                                    | Normal   | HomomorphismFns.cpkg5 no longer needed?  | Anna Maria Bigatti | 16 Jan 2018 15:28 | Cleaning                     | 100    | 0.33           |
| <b>CoCoA-4 function to be added (2)</b> |          |  |                    |                   |                              |        |                |
| 1011                                    | High     | Random seed fn   | John Abbott        | 15 Nov 2017 17:43 | CoCoA-4 function to be added | 100    |                |
| 1067                                    | Normal   | "Randomize" and "Randomized" obsolete?   | John Abbott        | 15 Nov 2017 17:02 | CoCoA-4 function to be added | 100    | 1.55           |
| <b>CoCoA-4 function: obsolete (1)</b>   |          |  |                    |                   |                              |        |                |
| 1123                                    | Normal   | Should "minimalize" be obsolescent?  | Anna Maria Bigatti | 11 Dec 2017 18:01 | CoCoA-4 function: obsolete   | 100    | 5.01           |
| <b>CoCoA-5 function: new (3)</b>        |          |  |                    |                   |                              |        |                |
| 1084                                    | Normal   | New function: PrevPrime  | John Abbott        | 13 Nov 2017 15:43 | CoCoA-5 function: new        | 100    | 1.51           |
| 1091                                    | Normal   | ExternalLib-MathSAT: (first) prototype CoCoA-5 interface for MathSAT                                       | Anna Maria Bigatti | 11 Dec 2017 17:58 | CoCoA-5 function: new        | 100    | 8.01           |
| 1142                                    | Normal   | NewZZmod: port to CoCoA-5  | Anna Maria Bigatti | 16 Jan 2018 15:30 | CoCoA-5 function: new        | 100    | 2.01           |
| <b>EmacsUI (2)</b>                      |          |  |                    |                   |                              |        |                |
| 1087                                    | 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    |                |
| 1109                                    | Normal   | Emacs UI can be slow in M\$ Windows  | John Abbott        | 15 Nov 2017 17:05 | EmacsUI                      | 100    | 0.66           |
| <b>enhancing/improving (9)</b>          |          |  |                    |                   |                              |        |                |
| 670                                     | Low      | Error column indicator misaligned with non-printing (unprintable) characters                               | John Abbott        | 13 Nov 2017 15:58 | enhancing/improving          | 100    | 1.8            |
| 798                                     | Normal   | use poly ring with many variables is too slow  | John Abbott        | 13 Dec 2017 14:28 | enhancing/improving          | 100    |                |
| 940                                     | Normal   | Check all fns in packages work even without BackwardCompatible.cpkg5                                       | John Abbott        | 04 Dec 2017 11:16 | enhancing/improving          | 100    |                |
| 1032                                    | Normal   | IsInRadical: fragile code  | John Abbott        | 15 Dec 2017 15:37 | enhancing/improving          | 100    | 1.11           |
| 1060                                    | Low      | describe ring: add final newline   | John Abbott        | 13 Nov 2017 15:59 | enhancing/improving          | 100    | 0.44           |
| 1095                                    | Normal   | TimeOut not working as hoped/expected  | John Abbott        | 13 Nov 2017 15:04 | enhancing/improving          | 100    | 1.11           |
| 1100                                    | High     | PrimaryDecomposition0: says not 0-dim but IsZeroDim says ideal is zero-dim!                                | Anna Maria Bigatti | 11 Dec 2017 17:53 | enhancing/improving          | 100    | 1.01           |

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|---------------------------------|----------|---|--------------------|-------------------|----------------------|--------|----------------|
| 1137                            | Normal   | Latex: ideal  | Anna Maria Bigatti | 12 Dec 2017 15:36 | enhancing/improving  | 100    | 1.01           |
| 1139                            | Urgent   | Radical problems  | Anna Maria Bigatti | 13 Dec 2017 13:23 | enhancing/improving  | 100    | 1.51           |
| <b>GUI (2)</b>                  |          |   |                    |                   |                      |        |                |
| 265                             | Low      | Linking problems in CoCoA-5 GUI   | John Abbott        | 13 Nov 2017 15:49 | GUI                  | 100    | 0.33           |
| 741                             | Low      | C5 GUI: slow to close   | John Abbott        | 13 Nov 2017 15:46 | GUI                  | 100    | 2.75           |
| <b>Incomplete function (4)</b>  |          |   |                    |                   |                      |        |                |
| 981                             | Normal   | SqFreeFactor: small (or big) bug?   | John Abbott        | 13 Nov 2017 15:57 | Incomplete function  | 100    | 0.75           |
| 1062                            | Normal   | IsRadical bug?  | Anna Maria Bigatti | 10 Nov 2017 12:18 | Incomplete function  | 100    |                |
| 1080                            | High     | intersect: problem with zero generators   | Anna Maria Bigatti | 11 Dec 2017 17:41 | Incomplete function  | 100    | 1.71           |
| 1133                            | Normal   | Radical bug   | Anna Maria Bigatti | 11 Dec 2017 19:19 | Incomplete function  | 100    | 2.0            |
| <b>Manual/documentation (7)</b> |          |   |                    |                   |                      |        |                |
| 439                             | Normal   | CoCoA website: download pages and installing instructions                         | Anna Maria Bigatti | 11 Dec 2017 18:14 | Manual/documentation | 100    | 3.01           |
| 1000                            | High     | CoCoAManual for "all cocoa commands"  | Anna Maria Bigatti | 15 Dec 2017 16:20 | Manual/documentation | 100    | 2.01           |
| 1021                            | Normal   | CoCoA Manual: search should ignore multiple spaces                                | John Abbott        | 15 Nov 2017 17:19 | Manual/documentation | 100    | 1.88           |
| 1023                            | Normal   | CoCoAManual for verbosity: how to find which levels? how to find which functions? | Anna Maria Bigatti | 12 Dec 2017 11:01 | Manual/documentation | 100    |                |
| 1055                            | Normal   | CoCoAManual: duplication (2 pages for operators)                                  | Anna Maria Bigatti | 11 Dec 2017 17:10 | Manual/documentation | 100    |                |
| 1073                            | Normal   | RelNotes: current version or all previous versions?                               | Anna Maria Bigatti | 15 Dec 2017 15:57 | Manual/documentation | 100    | 1.51           |
| 1074                            | High     | CoCoAManual: entry for radical  | Anna Maria Bigatti | 15 Dec 2017 15:41 | Manual/documentation | 100    |                |
| <b>Parser/Interpreter (1)</b>   |          |   |                    |                   |                      |        |                |
| 697                             | Normal   | Interpreter: Avoid outputting an empty line after each line of input              | Anna Maria Bigatti | 11 Dec 2017 17:08 | Parser/Interpreter   | 100    | 1.01           |
| <b>Portability (2)</b>          |          |   |                    |                   |                      |        |                |
| 545                             | High     | Compiler g++ 4.2.1 (clang-503.0.40) on MacOSX 10.9: warnings and errors           |                    | 12 Mar 2019 16:40 | Portability          | 100    | 10.0           |
| 988                             | Normal   | Makefile: install target for cocoa5   | John Abbott        | 15 Dec 2017 15:46 | Portability          | 100    |                |
| <b>Release (3)</b>              |          |   |                    |                   |                      |        |                |
| 187                             | Normal   | CoCoA-5 (partial) releases: make the process simpler                              | Anna Maria Bigatti | 16 Jan 2018 15:35 | Release              | 100    | 45.0           |
| 1061                            | High     | Release: CoCoA-5.2.2  | Anna Maria Bigatti | 17 Jan 2018 12:05 | Release              | 100    | 24.01          |
| 1119                            | High     | Mailing list for CoCoAUsers   | Anna Maria Bigatti | 16 Jan 2018 15:44 | Release              | 100    | 6.0            |
| <b>Renaming (2)</b>             |          |   |                    |                   |                      |        |                |

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| 939  | Normal   | Rename Fact to factorial?                     | John Abbott        | 15 Nov 2017 17:40 | Renaming | 100    |                |
| 1020 | Normal   | Rename minimalized(I) into IdealOfMinGens(I)? | Anna Maria Bigatti | 20 Nov 2017 15:47 | Renaming | 90     | 1.51           |