

## CoCoA-5 - CoCoA-5.1.0 (Easter14)

| #                                       | Priority | Subject  | Assignee           | Updated           | Status | % Done | Estimated time |
|---|----------|--|--------------------|-------------------|--------|--------|----------------|
| <b>Cleaning (4)</b>                     |          |  |                    |                   |        |        |                |
| 18                                      | Urgent   | Printing matrices: I/O unified style for CoCoA-5?                        | John Abbott        | 07 May 2014 14:10 | Closed | 100    | 7.5            |
| 472                                     | Normal   | Record keyword   | John Abbott        | 14 Apr 2014 09:16 | Closed | 100    | 1.0            |
| 475                                     | Normal   | Eliminate package approx   | John Abbott        | 07 May 2014 17:32 | Closed | 100    | 5.0            |
| 534                                     | Normal   | Remove float.cpkg5   | John Abbott        | 24 Apr 2014 19:09 | Closed | 100    | 5.0            |
| <b>CoCoA-4 function to be added (2)</b> |          |  |                    |                   |        |        |                |
| 529                                     | High     | Naive version of resolution and Betti numbers                            | Anna Maria Bigatti | 09 May 2014 12:56 | Closed | 100    | 5.0            |
| 200                                     | Normal   | add modules and module operations  | Anna Maria Bigatti | 15 May 2015 09:02 | Closed | 100    | 27.0           |
| <b>CoCoA-4 function: obsolete (1)</b>   |          |  |                    |                   |        |        |                |
| 532                                     | Normal   | New package: OBSOLESCE   | John Abbott        | 02 Jul 2014 16:54 | Closed | 100    |                |
| <b>CoCoA-5 function: new (4)</b>        |          |  |                    |                   |        |        |                |
| 301                                     | Normal   | How to obtain an integer from a finite field element? AsINT?             | John Abbott        | 24 Apr 2014 20:16 | Closed | 100    | 2.0            |
| 362                                     | Normal   | New function: IsZeroDivisor  | Anna Maria Bigatti | 14 Apr 2014 09:14 | Closed | 100    | 2.0            |
| 414                                     | Normal   | New fn to increase max recursion depth                                   | John Abbott        | 02 May 2014 17:05 | Closed | 100    | 8.0            |
| 502                                     | Normal   | New fn/object type: timer  | Anna Maria Bigatti | 02 May 2014 16:49 | Closed | 100    | 3.0            |
| <b>EmacsUI (7)</b>                      |          |  |                    |                   |        |        |                |
| 381                                     | Normal   | Emacs User Interface: Easier binding for sending a line to cocoa-5       | Anna Maria Bigatti | 07 May 2014 13:57 | Closed | 100    | 8.0            |
| 441                                     | Normal   | Emacs UI: C-c C-e does not ignore keywords inside strings                | John Abbott        | 02 May 2014 17:21 | Closed | 100    | 5.0            |
| 460                                     | Normal   | Emacs UI: updating abbrev-table  | Anna Maria Bigatti | 14 May 2014 16:30 | Closed | 100    |                |
| 462                                     | Normal   | Emacs UI: semicolon problems   | John Abbott        | 02 May 2014 17:18 | Closed | 100    | 1.0            |
| 470                                     | Normal   | Emacs UI: cocoa5-close-block should beep when there is no block to close | John Abbott        | 15 Apr 2014 15:21 | Closed | 100    | 3.0            |
| 494                                     | Normal   | Emacs UI: installation on Mac OS 10.8.5                                  | Anna Maria Bigatti | 09 May 2014 13:20 | Closed | 100    |                |
| 523                                     | Normal   | EmacsUI: lower case keywords   | Anna Maria Bigatti | 07 May 2014 14:05 | Closed | 100    | 3.0            |
| <b>GUI (1)</b>                          |          |  |                    |                   |        |        |                |
| 239                                     | Normal   | Normaliz functions not available in C5 GUI (again!)                      | John Abbott        | 14 Apr 2014 09:15 | Closed | 100    | 8.0            |
| <b>Incomplete function (6)</b>          |          |  |                    |                   |        |        |                |
| 509                                     | High     | SyzOfGens (CoCoA-5) does not have correct shifts                         | Anna Maria Bigatti | 10 Apr 2014 18:02 | Closed | 100    | 2.0            |
| 544                                     | High     | sorted gives wrong answer sometimes                                      | John Abbott        | 07 May 2014 13:39 | Closed | 100    | 4.0            |

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|----------------------------------|----------|--|--------------------|-------------------|--------|--------|----------------|
| 367                              | Normal   | implement LF/DF for an ideal   | Anna Maria Bigatti | 09 May 2014 12:51 | Closed | 100    | 3.5            |
| 384                              | Normal   | IsZero for matrix  | Anna Maria Bigatti | 07 May 2014 14:01 | Closed | 100    | 2.5            |
| 419                              | Normal   | FloatStr   | John Abbott        | 24 Apr 2014 19:53 | Closed | 100    | 2.0            |
| 514                              | Normal   | submodule: minimize, minimalized   | Anna Maria Bigatti | 09 May 2014 13:28 | Closed | 100    | 2.5            |
| <b>Manual/documentation (13)</b> |          |  |                    |                   |        |        |                |
| 558                              | High     | CoCoAManual: semi-automatic check of all input                               | Anna Maria Bigatti | 01 Aug 2014 10:57 | Closed | 100    | 8.0            |
| 176                              | Normal   | CoCoAManual: Doc for new commands  | Anna Maria Bigatti | 02 Jul 2014 16:48 | Closed | 100    | 3.0            |
| 179                              | Normal   | TeX documentation for CoCoA-5  | Anna Maria Bigatti | 14 May 2014 16:56 | Closed | 100    | 5.0            |
| 188                              | Normal   | CoCoAManual: entries for operators   | Anna Maria Bigatti | 02 Jul 2014 16:46 | Closed | 100    | 5.0            |
| 225                              | Normal   | HilbertBasis: cocoa vs normaliz  | Anna Maria Bigatti | 20 May 2014 17:54 | Closed | 100    | 1.5            |
| 334                              | Normal   | CoCoAManual: entry for "and", "or", "not" operators                          | Anna Maria Bigatti | 02 Jul 2014 16:47 | Closed | 100    | 2.0            |
| 341                              | Normal   | Remove/replace the word "vector" in the manual                               | Anna Maria Bigatti | 11 Apr 2014 15:06 | Closed | 100    | 0.5            |
| 369                              | Normal   | write documentation for TgCone and other function from the "primary" package | Anna Maria Bigatti | 07 May 2014 14:07 | Closed | 100    | 2.0            |
| 463                              | Normal   | Make man page for "It" easier to read  | John Abbott        | 24 Apr 2014 20:26 | Closed | 100    | 3.0            |
| 489                              | Normal   | CoCoAManual: Doc for strings   | John Abbott        | 02 Jul 2014 16:52 | Closed | 100    | 4.0            |
| 495                              | Normal   | CoCoAManual: add page about creating lists                                   | John Abbott        | 02 Jul 2014 16:51 | Closed | 100    | 1.5            |
| 542                              | Normal   | CoCoAManual: improve part on data-types                                      | Anna Maria Bigatti | 02 Jul 2014 16:40 | Closed | 100    | 20.0           |
| 555                              | Normal   | CoCoAManual: improve part on language  | Anna Maria Bigatti | 02 Jul 2014 16:40 | Closed | 100    | 20.0           |
| <b>Parser/Interpreter (6)</b>    |          |  |                    |                   |        |        |                |
| 94                               | Normal   | Default reason for protected variables                                       | John Abbott        | 24 Apr 2014 13:16 | Closed | 100    | 3.0            |
| 208                              | Normal   | describe \$package   | Anna Maria Bigatti | 06 May 2014 18:14 | Closed | 100    | 2.0            |
| 284                              | Normal   | BuiltInFunctions: more flexible typing in one-line function declaration      |                    | 08 Apr 2014 08:25 | Closed | 100    | 0.25           |
| 471                              | Normal   | Nested multiline comments  | John Abbott        | 02 May 2014 17:49 | Closed | 100    | 5.0            |
| 473                              | Normal   | Multiline string literals - useful or obsolescent?                           | John Abbott        | 07 May 2014 17:32 | Closed | 100    | 5.0            |
| 481                              | Normal   | Multiline comments -- obsolescent?   | John Abbott        | 02 May 2014 17:47 | Closed | 100    | 4.0            |
| <b>Portability (1)</b>           |          |  |                    |                   |        |        |                |
| 447                              | Urgent   | CoCoA-5.0.3 Microsoft std::bad_alloc   | Anna Maria Bigatti | 22 May 2014 17:20 | Closed | 100    | 2.0            |
| <b>Release (2)</b>               |          |  |                    |                   |        |        |                |
| 398                              | High     | Resurrect Relnotes()   | Anna Maria Bigatti | 02 Jul 2014 11:43 | Closed | 100    | 4.0            |
| 559                              | Normal   | Release: CoCoA-5.1.0   | Anna Maria Bigatti | 14 Jul 2014 18:17 | Closed | 100    | 4.0            |
| <b>Renaming (1)</b>              |          |  |                    |                   |        |        |                |

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| 395 | Normal   | Naming conventions: upper or lower case? | Anna Maria Bigatti | 14 Apr 2014 09:00 | Closed | 100    | 3.0            |