

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

| #                                       | Priority | Subject  | Assignee           | Updated           | Status | % Done | Estimated time |
|---|----------|--|--------------------|-------------------|--------|--------|----------------|
| <b>Cleaning (4)</b>                     |          |  |                    |                   |        |        |                |
| 475                                     | Normal   | Eliminate package approx   | John Abbott        | 07 May 2014 17:32 | Closed | 100    | 5.0            |
| 18                                      | Urgent   | Printing matrices: I/O unified style for CoCoA-5?                        | John Abbott        | 07 May 2014 14:10 | Closed | 100    | 7.5            |
| 534                                     | Normal   | Remove float.cpkg5   | John Abbott        | 24 Apr 2014 19:09 | Closed | 100    | 5.0            |
| 472                                     | Normal   | Record keyword   | John Abbott        | 14 Apr 2014 09:16 | Closed | 100    | 1.0            |
| <b>CoCoA-4 function to be added (2)</b> |          |  |                    |                   |        |        |                |
| 200                                     | Normal   | add modules and module operations  | Anna Maria Bigatti | 15 May 2015 09:02 | Closed | 100    | 27.0           |
| 529                                     | High     | Naive version of resolution and Betti numbers                            | Anna Maria Bigatti | 09 May 2014 12:56 | Closed | 100    | 5.0            |
| <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>        |          |  |                    |                   |        |        |                |
| 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            |
| 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            |
| <b>EmacsUI (7)</b>                      |          |  |                    |                   |        |        |                |
| 460                                     | Normal   | Emacs UI: updating abbrev-table  | Anna Maria Bigatti | 14 May 2014 16:30 | Closed | 100    |                |
| 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            |
| 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            |
| 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            |
| <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>          |          |  |                    |                   |        |        |                |
| 514                                     | Normal   | submodule: minimize, minimized   | Anna Maria Bigatti | 09 May 2014 13:28 | Closed | 100    | 2.5            |
| 367                                     | Normal   | implement LF/DF for an ideal   | Anna Maria Bigatti | 09 May 2014 12:51 | Closed | 100    | 3.5            |

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|-----|----------|--|--------------------|-------------------|--------|--------|----------------|
| 384 | Normal   | IsZero for matrix                                | Anna Maria Bigatti | 07 May 2014 14:01 | Closed | 100    | 2.5            |
| 544 | High     | sorted gives wrong answer sometimes              | John Abbott        | 07 May 2014 13:39 | Closed | 100    | 4.0            |
| 419 | Normal   | FloatStr   | John Abbott        | 24 Apr 2014 19:53 | Closed | 100    | 2.0            |
| 509 | High     | SyzOfGens (CoCoA-5) does not have correct shifts | Anna Maria Bigatti | 10 Apr 2014 18:02 | Closed | 100    | 2.0            |

### Manual/documentation (13)

|     |        |  |                    |                   |        |     |      |
|-----|--------|--|--------------------|-------------------|--------|-----|------|
| 558 | High   | CoCoAManual: semi-automatic check of all input                               | Anna Maria Bigatti | 01 Aug 2014 10:57 | Closed | 100 | 8.0  |
| 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  |
| 176 | Normal | CoCoAManual: Doc for new commands  | Anna Maria Bigatti | 02 Jul 2014 16:48 | Closed | 100 | 3.0  |
| 334 | Normal | CoCoAManual: entry for "and", "or", "not" operators                          | Anna Maria Bigatti | 02 Jul 2014 16:47 | Closed | 100 | 2.0  |
| 188 | Normal | CoCoAManual: entries for operators   | Anna Maria Bigatti | 02 Jul 2014 16:46 | Closed | 100 | 5.0  |
| 555 | Normal | CoCoAManual: improve part on language  | Anna Maria Bigatti | 02 Jul 2014 16:40 | Closed | 100 | 20.0 |
| 542 | Normal | CoCoAManual: improve part on data-types                                      | Anna Maria Bigatti | 02 Jul 2014 16:40 | Closed | 100 | 20.0 |
| 225 | Normal | HilbertBasis: cocoa vs normaliz  | Anna Maria Bigatti | 20 May 2014 17:54 | Closed | 100 | 1.5  |
| 179 | Normal | TeX documentation for CoCoA-5  | Anna Maria Bigatti | 14 May 2014 16:56 | Closed | 100 | 5.0  |
| 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  |
| 341 | Normal | Remove/replace the word "vector" in the manual                               | Anna Maria Bigatti | 11 Apr 2014 15:06 | Closed | 100 | 0.5  |

### Parser/Interpreter (6)

|     |        |   |                    |                   |        |     |      |
|-----|--------|---|--------------------|-------------------|--------|-----|------|
| 473 | Normal | Multiline string literals - useful or obsolescent?                      | John Abbott        | 07 May 2014 17:32 | Closed | 100 | 5.0  |
| 208 | Normal | describe \$package  | Anna Maria Bigatti | 06 May 2014 18:14 | Closed | 100 | 2.0  |
| 471 | Normal | Nested multiline comments   | John Abbott        | 02 May 2014 17:49 | Closed | 100 | 5.0  |
| 481 | Normal | Multiline comments -- obsolescent?                                      | John Abbott        | 02 May 2014 17:47 | Closed | 100 | 4.0  |
| 94  | Normal | Default reason for protected variables                                  | John Abbott        | 24 Apr 2014 13:16 | Closed | 100 | 3.0  |
| 284 | Normal | BuiltInFunctions: more flexible typing in one-line function declaration |                    | 08 Apr 2014 08:25 | Closed | 100 | 0.25 |

### Portability (1)

|     |        |                                      |                    |                   |        |     |     |
|-----|--------|--------------------------------------|--------------------|-------------------|--------|-----|-----|
| 447 | Urgent | CoCoA-5.0.3 Microsoft std::bad_alloc | Anna Maria Bigatti | 22 May 2014 17:20 | Closed | 100 | 2.0 |
|-----|--------|--------------------------------------|--------------------|-------------------|--------|-----|-----|

### Release (2)

|     |        |                      |                    |                   |        |     |     |
|-----|--------|----------------------|--------------------|-------------------|--------|-----|-----|
| 559 | Normal | Release: CoCoA-5.1.0 | Anna Maria Bigatti | 14 Jul 2014 18:17 | Closed | 100 | 4.0 |
| 398 | High   | Resurrect Relnotes() | Anna Maria Bigatti | 02 Jul 2014 11:43 | Closed | 100 | 4.0 |

### Renaming (1)

| #   | Priority | Subject                                  | Assignee           | Updated           | Status | % Done | Estimated time |
|-----|----------|--|--------------------|-------------------|--------|--------|----------------|
| 395 | Normal   | Naming conventions: upper or lower case? | Anna Maria Bigatti | 14 Apr 2014 09:00 | Closed | 100    | 3.0            |