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

| #       | Priority     | Subject  | Assignee           | Updated           | Status | % Done | Estimated time |
|---------|--------------|--|--------------------|-------------------|--------|--------|----------------|
| Cleanir | ng (4)       |  |                    |                   |        |        |                |
| 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            |
| CoCoA   | -4 function  | to be added (2)  |                    |                   |        |        |                |
| 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           |
| CoCoA   | -4 function  | : obsolete (1)   |                    |                   |        |        | -              |
| 532     | Normal       | New package: OBSOLESCENT   | John Abbott        | 02 Jul 2014 16:54 | Closed | 100    |                |
| CoCoA   | -5 function  | : new (4)  |                    |                   |        |        |                |
| 362     | Normal       | New function: IsZeroDivisor  | Anna Maria Bigatti | 14 Apr 2014 09:14 | Closed | 100    | 2.0            |
| 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            |
| 414     | Normal       | New fn to increase max recursion depth                                   | John Abbott        | 02 May 2014 17:05 | Closed | 100    | 8.0            |
| Emacs   | UI (7)       |  |                    |                   |        |        |                |
| 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            |
| 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            |
| 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            |
| GUI (1) |              |  |                    |                   |        |        |                |
| 239     | Normal       | Normaliz functions not available in C5 GUI (again!)                      | John Abbott        | 14 Apr 2014 09:15 | Closed | 100    | 8.0            |
| Incomp  | lete functio | on (6)   |                    |                   |        |        |                |
| 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            |
| 514     | Normal      | submodule: minimalize, minimalized   | Anna Maria Bigatti | 09 May 2014 13:28 | Closed | 100    | 2.5            |
| 419     | Normal      | FloatStr   | John Abbott        | 24 Apr 2014 19:53 | Closed | 100    | 2.0            |
| Manua   | l/document  | ation (13)   |                    |                   |        | •      |                |
| 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            |
| 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           |
| 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            |
| Parser/ | Interpreter | (6)  |                    |                   |        |        |                |
| 284     | Normal      | BuiltInFunctions: more flexible typing in one-line function declaration      |                    | 08 Apr 2014 08:25 | Closed | 100    | 0.25           |
| 208     | Normal      | describe \$package   | Anna Maria Bigatti | 06 May 2014 18:14 | Closed | 100    | 2.0            |
| 94      | Normal      | Default reason for protected variables                                       | John Abbott        | 24 Apr 2014 13:16 | Closed | 100    | 3.0            |
| 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            |
| Portabi | ility (1)   |  |                    |                   |        | ·      |                |
| 447     | Urgent      | CoCoA-5.0.3 Microsoft std::bad_alloc   | Anna Maria Bigatti | 22 May 2014 17:20 | Closed | 100    | 2.0            |
| Release | e (2)       |  |                    |                   |        |        |                |
| 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            |

## Renaming (1)

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