

## NemoMath - Issues

| #    | Tracker     | Status   | Priority | Subject   | Assignee | Updated             | Category | % Done |
|------|-------------|----------|----------|---|----------|---------------------|----------|--------|
| 1643 | Tasks       | Feedback | Normal   | Switch to Eigen3  |          | 10/04/2013 10:32 AM |          | 0      |
| 1554 | Bug         | New      | High     | Use eigen pkg-config files as dependency in nemomath pkg-config         |          | 07/10/2013 03:19 PM |          | 0      |
| 1532 | Support     | Feedback | Normal   | Using MatrixMath.h and Eigen3   |          | 11/29/2013 10:03 AM |          | 0      |
| 1495 | Feature     | New      | Normal   | Provide Collection Interfaces for Matrices' rows and columns            | M. Rolf  | 05/10/2013 07:17 AM |          | 0      |
| 1493 | Bug         | New      | High     | Improve Error Messages in Matrix/Vector                                 | M. Rolf  | 05/10/2013 05:39 AM |          | 0      |
| 1453 | Feature     | New      | Low      | Explore use of adaptive rvalue/lvalue argument passing                  | M. Rolf  | 03/25/2013 01:48 PM |          | 0      |
| 1342 | Bug         | New      | Normal   | NemoMath0.4 debian packages does not mark libeigen3-dev as a dependency |          | 01/21/2013 06:27 PM |          | 0      |
| 1341 | Bug         | New      | Normal   | Allow different installation of boost in debian package for precise     |          | 01/21/2013 06:26 PM |          | 0      |
| 1333 | Bug         | Feedback | Normal   | Repair option NO_GCC_ADL_WORKAROUND                                     | M. Rolf  | 09/23/2013 06:19 PM |          | 0      |
| 1253 | Bug         | Feedback | Normal   | Handle Eigen3 / Eigen2 dependency in debian packages                    |          | 11/22/2012 02:54 PM |          | 0      |
| 1061 | Tasks       | Feedback | Normal   | Licensing   | M. Rolf  | 07/06/2012 04:36 PM |          | 0      |
| 820  | Tasks       | New      | Normal   | Write Benchmarks for Matrix and Matrix-Vector algebra operations        | M. Rolf  | 05/10/2013 07:17 AM |          | 0      |
| 819  | Tasks       | New      | Normal   | Write Benchmarks for Vector algebra operations                          | M. Rolf  | 09/23/2013 06:18 PM |          | 0      |
| 774  | Enhancement | New      | Normal   | Provide SlidingWindow implementation                                    |          | 09/23/2013 06:18 PM |          | 0      |
| 754  | Tasks       | New      | Normal   | Check mapping API for compatibility with boost quaternions              |          | 02/01/2012 12:42 PM |          | 0      |
| 753  | Enhancement | New      | Normal   | Check use of pre-compiled headers                                       | M. Rolf  | 09/23/2013 06:18 PM |          | 0      |
| 752  | Support     | New      | High     | Support type-changing numeric operations in Vector and Matrix           | M. Rolf  | 02/01/2012 12:41 PM |          | 0      |
| 707  | Enhancement | New      | Normal   | Declare all functions with throw() suffixes                             | M. Rolf  | 09/23/2013 06:18 PM |          | 0      |
| 705  | Enhancement | New      | Normal   | Provide efficient 'swap' implementations for all data-types             | M. Rolf  | 09/23/2013 06:18 PM |          | 0      |
| 698  | Tasks       | New      | Normal   | Continuous valgrind checks  |          | 02/01/2012 12:41 PM |          | 0      |
| 696  | Tasks       | New      | Normal   | Check debian packages   |          | 02/05/2012 02:43 PM |          | 0      |
| 594  | Feature     | New      | Low      | Code Coverage stats   |          | 02/01/2012 12:41 PM |          | 0      |
| 577  | Feature     | New      | Normal   | rvalue support with GCC<=4.3  | M. Rolf  | 09/23/2013 06:18 PM |          | 0      |
| 576  | Feature     | New      | Normal   | Expression Templates for MathVector arithmetics                         | M. Rolf  | 09/23/2013 06:18 PM |          | 0      |
| 1469 | Bug         | Feedback | Normal   | Findeigen3.cmake seems broken   |          | 04/21/2013 10:11 PM |          | 10     |