

GT 4.2.0 RLS: Quality Profile

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<titleabbrev>Quality Profile</titleabbrev>

1. Test coverage reports

- No reports are available at this time.

2. Code analysis reports

- No reports are available at this time.

3. Outstanding bugs

- *Threading/Libc Problems*: set `LD_ASSUME_KERNEL=2.2.5` in your environment and see [Platform Notes](#) for more information.
- [Bug 3656](#):¹ ACLs cannot be modified dynamically
- [Bug 4141](#):² regex call in `auth.c`'s `auth_getperms`
- [Bug 4142](#):³ `globus-rls-admin -s` always indicates RLI does not exist
- [Bug 4512](#):⁴ RLS query returns incomplete result on 64bit system (*patch available*)

4. Bug Fixes

- [Bug 3998](#):⁵ Improve RLS documentation
- [Bug 4873](#):⁶ segfaults in RLS JNI code
- [Bug 3828](#):⁷ RLSCliant crashes when a null parameter is passed to a method

¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3656

² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4141

³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4142

⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4512

⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3998

⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4873

⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3828

- [Bug 4114](#)⁸: Java apis fail on 64 bit machine
- [Bug 4630](#)⁹: RLS java client cannot load libraries through JNI on Mac (*see workaround*)
- [Bug 5283](#)¹⁰: RLS Java Client (non-JNI)
- [Bug 5106](#)¹¹: globus-rls-cli enhancement requests (concerning command line arguements)
- [Bug 5967](#)¹²: -i option to globus-rls-cli requires file end with end-of-line character
- [Bug 5978](#)¹³: Automated RLS Unit Tests
- [Bug 5988](#)¹⁴: Authentication failures when monitoring RLS with MDS execution aggregator

5. Performance reports

- [Performance and Scalability of a Replica Location Service](#)¹⁵

⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4114

⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4630

¹⁰ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5283

¹¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5106

¹² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5967

¹³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5978

¹⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5988

¹⁵ <http://www.globus.org/alliance/publications/papers/chervenakhpdc13.pdf>