
GT 4.2.1 RLS: Quality Profile

Table of Contents

| | |
|--------------------------------|---|
| 1. Test coverage reports | 1 |
| 2. Code analysis reports | 1 |
| 3. Outstanding bugs | 1 |
| 4. Bug Fixes | 2 |
| 5. Performance reports | 2 |

<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*)
- [Bug 6085](#)⁵: RLS server crash with `GLOBUSTHREAD: pthread_mutex_lock()` failed
- [Bug 6239](#)⁶: Wildcard queries with underscores don't work with SQLite
- [Bug 6322](#)⁷: RLS crash on a Sparc/Solaris 10 box (possible duplicate of bug 6356)
- [Bug 6356](#)⁸: RLS crash on x86/Solaris 10 box (*patch available*)

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=6085

⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6239

⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6322

⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6356

4. Bug Fixes

- [Bug 5999](#)⁹: [WS-RLS] UndefineAttributeClient fails to set values for non-nillable parameters
- [Bug 6009](#)¹⁰: Failure to build on FreeBSD
- [Bug 6100](#)¹¹: some bulk operations on attributes are no-ops
- [Bug 6103](#)¹²: RLS server crashes on 64-bit FC6
- [Bug 6104](#)¹³: getmethodargs does not protect against corrupt method or args

5. Performance reports

- [Performance and Scalability of a Replica Location Service](#)¹⁴

⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=5999

¹⁰ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6009

¹¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6100

¹² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6103

¹³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6104

¹⁴ <http://www.globus.org/alliance/publications/papers/chervenakhpdc13.pdf>