
GT 4.2.1 C WS Core: Quality Profile

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<titleabbrev>Quality Profile</titleabbrev>

1. Test coverage reports

- [Test Coverage Reports for C WS Core 4.2.1](#)¹

2. Code analysis reports

C WS-Core does not have any code analysis reports at this time.

3. Known Problems

The following problems and limitations are known to exist for C WS Core at the time of the 4.2.1 release:

3.1. Limitations

- No implementation of WS-SecureConversation

3.2. Outstanding bugs

- [Bug 2209](#):² changes to C bindings gen
- [Bug 2310](#):³ support for http get queries of WSDL schemas
- [Bug 2318](#):⁴ enhancement: data comparisons in type_info
- [Bug 2501](#):⁵ array_push should be array_insert
- [Bug 3197](#):⁶ GLOBUS_L_SERVICE_ENGINE_REQUEST_HEADER_FAILED lock missing
- [Bug 3405](#):⁷ default serialization does not order correctly with respect to unqualified attributes

¹ <http://www-unix.mcs.anl.gov/~bester/c-ws-core/coverage/4.2.1/>

² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2209

³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2310

⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2318

⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2501

⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3197

⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3405

- [Bug 3615](#):⁸ debugging improvements
- [Bug 3806](#):⁹ Generated services are not prefixed
- [Bug 4260](#):¹⁰ C Bindings for ws-mds
- [Bug 4694](#):¹¹ many memory leak in web service calling
- [Bug 6246](#):¹² Cannot process abstract xml schema types correctly
- [Bug 2195](#):¹³ globus_extension API changes
- [Bug 4714](#):¹⁴ OldValue is always null

4. Bug Fixes

- [Bug 6170](#):¹⁵ addressing handler generates bad wsa:From in certain error conditions
- [Bug 6174](#):¹⁶ globus-wsrf-cgen -help misses options
- [Bug 6253](#):¹⁷ API documentation missing for globus_c_ws_messaging on www.globus.org
- [Bug 6258](#):¹⁸ C bindings SOAP message client error
- [Bug 6378](#):¹⁹ SOAP message handle reuse clears security attributes between calls

5. Performance reports

C WS-Core does not have any performance reports at this time.

⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3615

⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=3806

¹⁰ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4260

¹¹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4694

¹² http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6246

¹³ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=2195

¹⁴ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=4714

¹⁵ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6170

¹⁶ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6174

¹⁷ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6253

¹⁸ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6258

¹⁹ http://bugzilla.globus.org/bugzilla/show_bug.cgi?id=6378