

Call for Community Testing: GT 3.9.2 Java WS Core – Java Web Service Core

What is a “Call for Community Testing”?


A Call for Community Testing is a mechanism to notify our users that new Globus code is available for testing in the field. Through these calls, the Globus Alliance hopes to expose its code to a wide variety of usage scenarios early in its development process. The ultimate goals are to catch bugs that have historically been found only after final releases, and to elicit feedback from the community on ways our software can be improved.

Participating in the Java WSRF Core Testing Call is Easy!

1. *Optional:* Consider sending mail to testing@globus.org to let us know that you’re helping out and describing what you intend to test
2. Install the software in a non-production environment. Use the 3.9.2 distribution from <http://www-unix.globus.org/toolkit/downloads/development/>; the code can also be retrieved directly from CVS using the tag **globus_3_9_2**
3. Exercise the software
4. Log your experiences in <http://bugzilla.globus.org/globus/> under the “WS Core” product. Please mention 3.9.2 explicitly in the body of the report.
5. *Optional:* Consider sending descriptions of your tests to testing@globus.org so that we might use them to build standard tests in the future

If you have any questions or comments about the process, feel free to contact Bob Gaffaney at gaffaney@mcs.anl.gov or Lisa Childers at childers@mcs.anl.gov.

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The Testing Period For This Call: 3 August 2004 – 15 October 2004

About the Java WSRF Core

The Java WSRF Core Preview provides an early look at the Java web services implementation that will be included in the upcoming GT 4.0 release. It implements most features of the WS Resource Framework and WS Notification suite of specifications. Furthermore, it contains tools for building stateful web services, a set of supporting services and sample code.

In addition to the WSRF implementation, this release includes message-level security based on WS Security, XML Signature and Encryption as well as a Resolver Service.

Support is provided for specifying and enforcing authentication and authorization policy on the service and client. Features include: resource- and service-based security, declarative security at service end and APIs that provide developers with fine-grained control over security settings.

In this version of Java WS Core we switched to 04 Addressing Namespaces and the latest OASIS Schemas.

Please note that the message-level security protocols included in this release may change before 4.0 Final, as a move to adopt the Apache WSS4J implementation for SOAP message security is planned before 4.0 Final. Originally based on the Globus implementation, the Apache WSS4J library has since evolved and is now compliant with the final version of the Web Services security standard from OASIS, ensuring future interoperability with other Web Services software stacks.

Reasons for testing the Java WSRF Core

The Java WSRF Core Preview constitutes the foundation for higher-level Java WSRF services. Early testing of this preview will provide important feedback as to its basic facility and integrity, and will allow preview testers to make feature requests and contribute design ideas.

Components affected by the Java WSRF Core

1. Reliable File Transfer (RFT)
2. WS GRAM
3. WS MDS

Environment/build parameters and other special conditions to test

1. The use of different JVMs
2. WS-I and WSRF interoperability tests
3. Various security policies on resource/service/client

Release Notes

http://www-unix.globus.org/toolkit/docs/development/3.9.2/core/release_notes.html

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