
Content Repository for
Java™ API (JSR-170)

Test Appeals Process

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1 Purpose

Any licensee of the JSR-170 API TCK can challenge one or more tests defined by the JSR-170 API TCK using the First-Level TCK Appeals Process described here.

The development of the JSR-170 API TCK is done in an open-source fashion as part of the Apache Jackrabbit project. The progress can be monitored on jackrabbit-dev@incubator.apache.org and the source-code can be viewed and checkout from the apache incubator subversion repository.

<http://svn.apache.org/repos/asf/incubator/jackrabbit/trunk/test>

Since Day Software is not charging any license fees for the TCK, Day Software will not provide dedicated persons for points of contacts for test challenges to the JSR-170 API TCK. Rather, Day Software will collect the test challenges and provide a resolution for addressed and validated challenges with the next applicable maintenance release of the TCK.

Furthermore, any time dimension described hereafter as “reasonable” reflects to the fact that Day Software is not charging any license fees on the RI and TCK.

If a test is determined to be invalid in function or if its basis in the specification is suspect, any licensee of the JSR-170 API may challenge the test. Each test validity issue must be covered by a separate test challenge. Test validity or invalidity will be determined based on its technical correctness.

2 Test Challenge Reasons

1. Test has bugs (i.e., program logic errors)
2. Specification item covered by the test is ambiguous
3. Test does not match the specification
4. Test assumes unreasonable hardware and/or software requirements
5. Test is biased to a particular implementation

Every challenge that is submitted should indicate at least one of the above "Test Challenge Reasons"

Challenges based upon issues unrelated to technical correctness as defined by the specification will normally be rejected.

Test challenges must be made in writing to Day Software (jsr-170-tck@day.com) and include all relevant information as described in the Test Challenge form below. The process used to determine the validity or invalidity of a test (or related group of tests) is described in JSR-170 API TCK Test Appeals Steps 3

All tests found to be invalid will either be placed on the Exclude List for that version of the JSR-170 API TCK or have an alternate test made available as follows:

1. Tests that are placed on the Exclude List will be placed on the Exclude List within a reasonable time after the determination of test validity. The new Exclude List will be made available to all JSR-170 API TCK licensees as part of the Jackrabbit repository.
2. The Spec Lead has the option of creating alternative tests to address any challenge. Alternative tests (and criteria for their use) will be made available within a reasonable time in the Jackrabbit Subversion Repository.

3 JSR-170 API TCK Test Appeals Steps

1. JSR-170 API licensee writes a test challenge to the Day Software contesting the validity of one or a related set of JSR-170 API tests.

A detailed justification for why each test should be invalidated must be included with the challenge as described by the Test Challenge form below. The email address for test challenges is jsr-170-tck@day.com. In case you would like to pre-emptively help develop the TCK as an open-source effort please feel free to use jackrabbit-dev@incubator.apache.org.

2. Day Software evaluates the challenge.

If the appeal is incomplete or unclear, it is returned to the submitting licensee for correction. If all is in order, Day Software will check with the test developers to review the purpose and validity of the test before writing a response. Day Software will attempt to complete the response within a reasonable time. If the challenge is similar to a previously rejected test challenge (i.e., same test and justification), Day Software will send the previous response to the licensee.

A decision of test validity or invalidity is normally made within a reasonable time counting of receipt of the challenge. All decisions will be documented with an explanation of why test validity was maintained or rejected.

3. The licensee is informed of the decision and proceeds accordingly.

If the test challenge is approved and one or more tests are invalidated, Day Software places the tests on the Exclude List for that version of the <http://svn.apache.org/repos/asf/incubator/jackrabbit/trunk/test> (effectively removing the test(s) from the Test Suite). All tests placed on the Exclude List will have a bug report written to document the decision and made available to all licensees on the JSR-170 API TCK web site. If the test is valid but difficult to pass due to hardware or operating system limitations, Day Software may choose to provide an alternate test to use in place of the original test.

4. If the test challenge is rejected, the licensee may choose to escalate the decision to the Executive Committee (EC), however, it is expected that the licensee would continue to

work with Day Software to resolve the issue and only involve the EC as a last resort.

4 Test Challenge Form

- Test Challenger Name and Company
- Specification Name(s) and Version(s)
- Test Suite Name and Version
- Exclude List Version
- Test Name
- Test Challenge Reason(s) (see above)
- Complaint (argument for why test is invalid)

5 Test Challenge Response Form

- Test Defender Name and Company
- Test Defender Role in Defense (e.g., test developer, Maintenance Lead, etc.)
- Specification Name(s) and Version(s)
- Test Suite Name and Version
- Test Name
- Defense (argument for why test is valid) -can be iterative-
- Implications of test invalidity (e.g., other affected tests and test framework code, creation or exposure of ambiguities in spec (due to unspecified requirements), invalidation of the reference implementation, creation of serious holes in test suite)
- Alternatives (e.g., are alternate test appropriate?)
- Passing an alternative test is deemed equivalent to passing the original test