

User Guide for the OSS Common API Technology Compatibility Kit (JSR 144)

OSS through Java™ Initiative

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COM-API-TckUserGuide.1.4.doc

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Executive Summary

The Technology Compatibility Kit for OSS Common API (TCK) checks the compatibility of a OSS Common API implementation against the API specification.

This document describes the installation, configuration and usage of the TCK. It lists the requirements for API compatibility and explains how to interpret the results of a TCK run.

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Preface

Objectives

Describe the installation, configuration and usage of the TCK.
Explain how to interpret the results of a TCK run.

Audience

Implementers of the OSS Common API.

Approval and Distribution

The TCK shall pass against the OSS Common Reference Implementation.
The TCK could be downloaded from <http://ossj.org> web site.

Revision History:

| Date | Version | Author | State | Comments |
|----------------|---------|------------------------------------|--------------|----------|
| March 2005 | 1.1 | Vincent Perrot Sun Microsystems | Maintenance | |
| October 2005 | 1.2 | Vincent Perrot Sun Microsystems | Maintenance2 | |
| February 2006 | 1.3 | Vincent Perrot Sun Microsystems | Maintenance3 | |
| September 2006 | 1.4 | Vincent Perrot Sun Microsystems | Maintenance4 | |

1 Restriction

Since the OSS Common API only defines abstract classes and interfaces, the OSS Common API TCK is based on dummy classes. Implementation which does not provide those classes will not pass all the tests.

2 Introduction

This document provides guidelines for running the Technology Compatibility Kit for the OSS Common API.

A successful TCK run is required to achieve compatibility with the OSS Common API Specification.

The compatibility requirements and how to interpret failed TCK runs are also explained.

3 Prerequisites

This TCK relies upon following several Java technologies.

- Junit framework (<http://www.junit.org/>)
- J2EE Platform (<http://java.sun.com/j2ee/>)

Visit the **COM-API-TckUserGuide_J2EESDK.1.4.tml** regarding the installation and customization details.

4 Package Organization

Here is an overview over the files and directories included in the reference Implementation package named `oss_common-1_0-tck.zip`:

- ***docs*** Contains the documentation
- ***scripts*** Contains the execution environment and scripts to run the TCK
- ***lib*** Contains the TCK archive and other libraries

5 Running the TCK

The script named “tck_complete_j2eesdk.*” is used to run all the Common tests and to generate the report. This will exercise Event, JVT and XML based interfaces.

The TCK also generate a tcklog.txt file that contains all the details about the interfaces, objects or methods tested. This file could be asked by the spec leader to validate any implementation during the certification process.

(See OSS Common API Specification, Part 2 document about the certification processes)

Note: On UNIX, it might be necessary to change the user permissions using the following command:

```
> chmod a+x *.sh
```

It runs several test suites and stops automatically after the last test is run.

It generates the report named tckResults.txt and traces into tcklog.txt file.

5.1 Graphical interface explained

The GUI interface is the more comfortable one. It lets you start a test run, stop it and run a single test.

```
NT:      c:\<TCK_DIR>\oss_common_j2eesdk-1_3-tck\scripts\tck_func_gui_j2eesdk.bat
UNIX:    <TCK_DIR>\oss_common_j2eesdk-1_3-tck\scripts\tck_func_gui_j2eesdk.sh
```

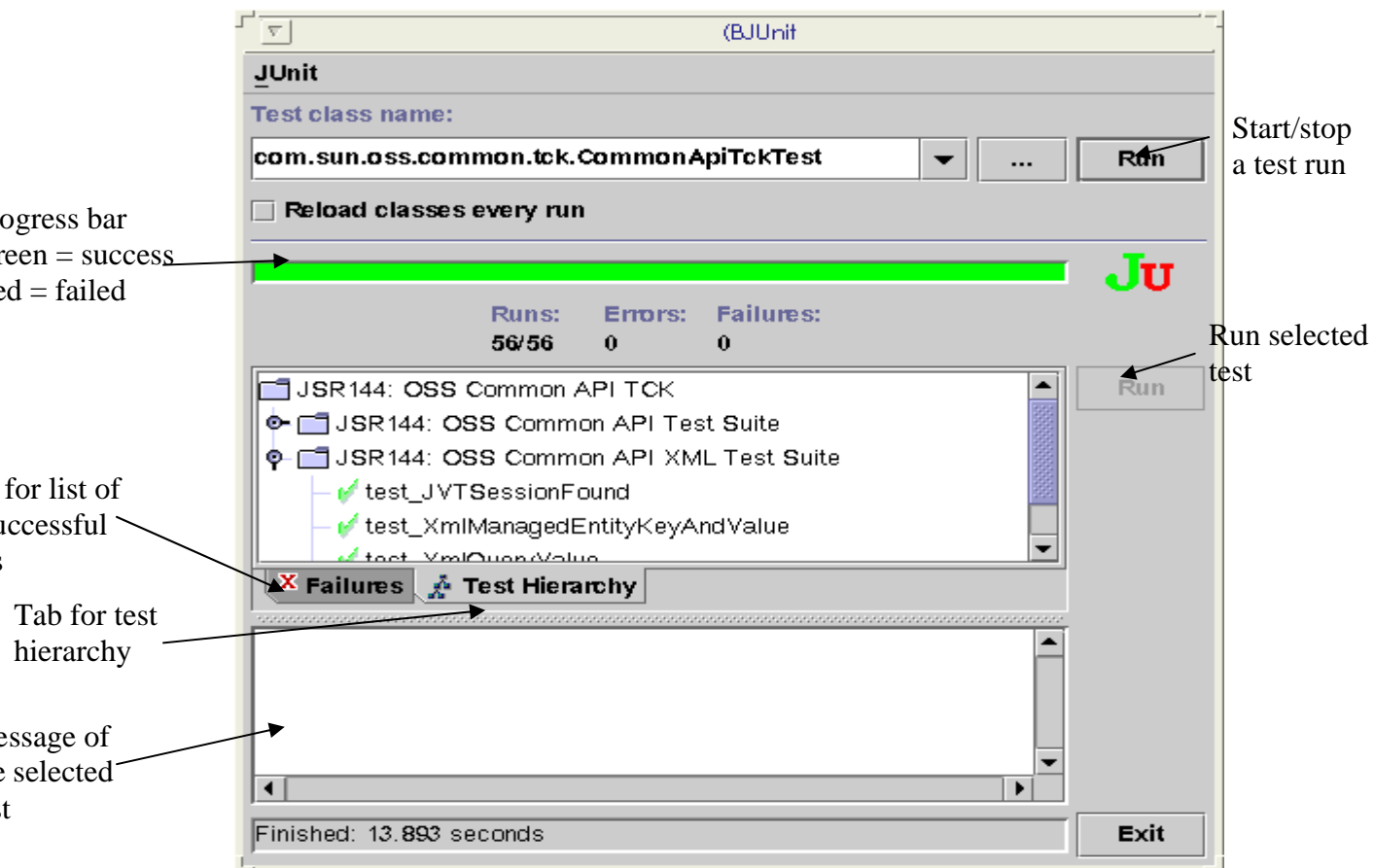


Figure 1: Junit GUI

5.2 User Interface (command line) explained


The text UI test client only allows doing a complete test run. To stop a test run you have to kill the process.

```
NT:      c:\<TCK_DIR>\oss_common_j2eesdk-1_3-tck\scripts\tck_func_text_j2eesdk.cmd
UNIX:    <TCK_DIR>/oss_common_j2eesdk-1_3-tck/scripts/tck_func_text_j2eesdk.sh
```

The results of a test run can be captured in a file obtaining a test report.

JUnit reports the result (success or failure), the number of tests run, how many tests failed and how many tests had an error.

Each error/failure is listed including the test name, description, a detailed message and a stack trace.



```
.....F.F.F
Time: 7.086
There were 3 failures:
1) test_XmlManagedEntityKeyAndValue(com.sun.oss.common.tck.CommonAPIXMLTests)junit.framework.AssertionFailedError: Unexpected
Exception :null
    at com.sun.oss.common.tck.CommonAPIXMLTests.test_XmlManagedEntityKeyAndValue(CommonAPIXMLTests.java:156)
    at com.sun.oss.common.tck.CommonAPIXMLTests.run(CommonAPIXMLTests.java:67)
    at com.sun.oss.common.tck.CommonApiTckTest.main(CommonApiTckTest.java:37)
2) test_XmlQueryValue(com.sun.oss.common.tck.CommonAPIXMLTests)junit.framework.AssertionFailedError: Unexpected Exception :null
    at com.sun.oss.common.tck.CommonAPIXMLTests.test_XmlQueryValue(CommonAPIXMLTests.java:194)
    at com.sun.oss.common.tck.CommonAPIXMLTests.run(CommonAPIXMLTests.java:67)
    at com.sun.oss.common.tck.CommonApiTckTest.main(CommonApiTckTest.java:37)
3) test_XmlEvent(com.sun.oss.common.tck.CommonAPIXMLTests)junit.framework.AssertionFailedError: Unexpected Exception :null
    at com.sun.oss.common.tck.CommonAPIXMLTests.test_XmlEvent(CommonAPIXMLTests.java:234)
    at com.sun.oss.common.tck.CommonAPIXMLTests.run(CommonAPIXMLTests.java:67)
    at com.sun.oss.common.tck.CommonApiTckTest.main(CommonApiTckTest.java:37)

FAILURES!!!
Tests run: 56, Failures: 3, Errors: 0
```

Figure 2: Junit UI

5.3 Test report explained

To generate a TCK , you have to use the “tck_complete_j2eesdk.*” script:

```
NT:      c:\<TCK_DIR>\oss_common_j2eesdk-1_3-tck\scripts\tck_complete_j2eesdk.cmd
UNIX:    <TCK_DIR>/oss_common_j2eesdk-1_3-tck/scripts/tck_complete_j2eesdk.sh
```

This script will run the entire TCK and generate a test report file.

```
NT:      c:\<TCK_DIR>\oss_common_j2eesdk-1_3-tck\scripts\tckResults.txt
UNIX:    <TCK_DIR>/oss_common_j2eesdk-1_3-tck/scripts/tckResults.txt
```

The test report generated when the RI runs against the RI is given in (Appendix B).

6 Tests explained

6.1.1 Test names

Most of the tests have a name identifying what is tested. Tests without a self-explanatory name provide additional information in their test message.

6.1.2 Test messages

Junit distinguishes failures and errors. Failures are expected; they represent a failed assertion during a test. Errors are unexpected, e.g. `NullPointerException`. Only errors or failures result in a message of that test. A test message consists of a list of test parameters and a more detailed explanation.

6.1.3 What is tested?

The test included in the OSS Common TCK API cover all the mandatory and optional functionality of the API.

6.2 Logs and Records

It requires that you store records of your successful verifying TCK test suites (see 5.3). The records you must keep are:

1. The complete overall verifying runs summary form (Appendix B).
2. A printed copy of the transcript of each test suite in the verifying run, including the test suites used to execute the TCK. On each page you must print the date, the number of test suites, and the name of the product being tested.
3. A printed copy of the input files you directed the TCK to use for the test suites.
4. A printed copy of any implementation of the Common interfaces used for the test suites, including all classes you used to implement those interface that are part of the J2EE platform.

Appendix A: References

References

- [1] OSS through Java™ Initiative, <http://ossj.org>
- [2] OSS Common API specification <http://jcp.org/jsr/detail/144.jsp>
- [3] OSS Design Guidelines <http://ossj.org>
- [4] OSS Common API RI Installation guide (COM-API-TckUserGuide_J2EESDK.1.2.html)
- [5] Junit framework <http://www.junit.org>
- [6] Xerces parser <http://xm.apache.org>

Appendix B: Test report for the RI (Java profile)

Report from OSS Common API (JSR144) TCK

TCK Version: 1.4

Tested Integration Profile: java

Creation time is: Mon Sep 18 18:39:02 CEST 2006

=====

Results: Event tests

=====

```
[Mon Sep 18 18:27:41 CEST 2006] 001 passed: Endless Event test 0
[Mon Sep 18 18:27:41 CEST 2006] 002 passed: Endless Event test 1
[Mon Sep 18 18:27:41 CEST 2006] 001 passed: Endless Event test 0
[Mon Sep 18 18:27:41 CEST 2006] 002 passed: Endless Event test 1
[Mon Sep 18 18:27:41 CEST 2006] 003 passed: Endless Event test 2
[Mon Sep 18 18:27:41 CEST 2006] 004 passed: Endless Event test 3
[Mon Sep 18 18:27:41 CEST 2006] 005 passed: Endless Event test 4
[Mon Sep 18 18:27:41 CEST 2006] 006 passed: Endless Event test 5
[Mon Sep 18 18:27:41 CEST 2006] 007 passed: Endless Event test 6
[Mon Sep 18 18:27:41 CEST 2006] 008 passed: Endless Event test 7
[Mon Sep 18 18:27:41 CEST 2006] 009 passed: Endless Event test 8
[Mon Sep 18 18:27:41 CEST 2006] 010 passed: Endless Event test 9
[Mon Sep 18 18:39:01 CEST 2006] 002 passed: Endless Event test 2
[Mon Sep 18 18:39:01 CEST 2006] 010 passed: Endless Event test 10
```

Results: Function tests

=====

```
[Mon Sep 18 18:27:41 CEST 2006] 001 passed: test_Positive_getCbeInterfaces
[Mon Sep 18 18:27:41 CEST 2006] 002 passed: test_Positive_getCbeImplementation
[Mon Sep 18 18:27:41 CEST 2006] 003 passed: test_cbe_ClassNameAndTypeAndValueKeyPair
[Mon Sep 18 18:27:41 CEST 2006] 004 passed: test_cbe_GetAttributeNames_NamesStartWithLowerCase
[Mon Sep 18 18:27:41 CEST 2006] 005 passed: test_cbe_GetOptionalAttributeNames_InAllAttributes
[Mon Sep 18 18:27:41 CEST 2006] 006 passed: test_Positive_cbe_IsPopulated_AttributeNameAllDomainValues
[Mon Sep 18 18:27:41 CEST 2006] 007 passed: test_Negative_cbe_IsPopulated_AttributeNameNullValue
[Mon Sep 18 18:27:41 CEST 2006] 008 passed: test_Negative_cbe_IsPopulated_AttributeNameIllegalValue
[Mon Sep 18 18:27:41 CEST 2006] 009 passed: test_cbe_GetSettableAttributeNames_SubsetOfGetAttributeNames
[Mon Sep 18 18:27:41 CEST 2006] 010 passed:
test_Positive_cbe_UnpopulateAttribute_AttributeNameAllDomainValues
[Mon Sep 18 18:27:41 CEST 2006] 011 passed: test_Negative_cbe_UnpopulateAttribute_AttributeNameNullValue
[Mon Sep 18 18:27:58 CEST 2006] 012 passed:
test_Negative_cbe_UnpopulateAttribute_AttributeNameIllegalValue
[Mon Sep 18 18:27:58 CEST 2006] 013 passed: test_cbe_UnpopulateAllAttributes_IsPopulatedFalseForAll
[Mon Sep 18 18:27:59 CEST 2006] 014 passed:
test_cbe_UnpopulateAllAttributes_GetPopulatedAttributesNamesIsEmpty
[Mon Sep 18 18:27:59 CEST 2006] 015 passed: test_cbe_UnpopulateAllAttributes_GetAttributeValueFailsForAll
[Mon Sep 18 18:27:59 CEST 2006] 016 passed: test_Negative_cbe_SetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:27:59 CEST 2006] 017 passed: test_Negative_cbe_SetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:27:59 CEST 2006] 018 passed: test_Negative_cbe_GetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:27:59 CEST 2006] 019 passed: test_Negative_cbe_GetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:28:03 CEST 2006] 020 passed: test_Positive_cbe_SetManagedEntityKey_DomainValue
[Mon Sep 18 18:28:03 CEST 2006] 021 passed:
test_cbe_SetManagedEntityKey_GetPopulatedAttributeNamesContainsKEY
[Mon Sep 18 18:28:03 CEST 2006] 022 passed: test_cbe_SetManagedEntityKey_IsPopulatedKEY
[Mon Sep 18 18:28:03 CEST 2006] 023 passed: test_cbe_GetAttributeNames_ContainsKEY
[Mon Sep 18 18:28:03 CEST 2006] 024 passed: test_cbe_GetSettableAttributeNames_NotContainsKEY
[Mon Sep 18 18:28:04 CEST 2006] 025 passed: test_Positive_cbe_ManagedEntityKey_IllegalKey
[Mon Sep 18 18:28:04 CEST 2006] 026 passed: test_Positive_cbe_SetAttributeValue_PrimitiveMINMAXValues
[Mon Sep 18 18:28:04 CEST 2006] 027 passed: test_Negative_cbe_SetAttributeValue_PrimitiveNullValue
[Mon Sep 18 18:28:04 CEST 2006] 028 passed: test_Positive_cbe_SetAttributeValue_DomainValue
[Mon Sep 18 18:28:04 CEST 2006] 029 passed:
test_cbe_SetAttributeValue_GetPopulatedAttributesNamesContainsAttributeName
[Mon Sep 18 18:28:04 CEST 2006] 030 passed: test_cbe_SetAttributeValue_IsPopulated
[Mon Sep 18 18:28:04 CEST 2006] 031 passed: test_Negative_cbe_SetAttributeValue_IllegalObject
[Mon Sep 18 18:28:04 CEST 2006] 032 passed: test_Positive_cbe_testCloneEqualsImplementation
[Mon Sep 18 18:28:04 CEST 2006] 033 passed: test_GetInitialContext
[Mon Sep 18 18:28:04 CEST 2006] 034 passed: test_GetJVTSession
[Mon Sep 18 18:28:04 CEST 2006] 035 passed: test_GetTopicSubscriber
[Mon Sep 18 18:28:05 CEST 2006] 036 passed: test_GetLegalKeys
[Mon Sep 18 18:28:06 CEST 2006] 037 passed: test_GetManagedEntityTypes_ContainsACTIVATE
```

```

[Mon Sep 18 18:29:01 CEST 2006] 038 passed: test_GetQueryTypes_IsNotNull
[Mon Sep 18 18:29:56 CEST 2006] 039 passed: test_GetSupportedOperations_IsSubsetOfJVTSessionOption
[Mon Sep 18 18:30:51 CEST 2006] 040 passed: test_JVT_JNDI_NAME
[Mon Sep 18 18:30:55 CEST 2006] 041 passed: test_Positive_testCloneEqualsImplementation
[Mon Sep 18 18:31:58 CEST 2006] 042 passed: test_Positive_IsPopulated_AttributeNameAllDomainValues
[Mon Sep 18 18:31:58 CEST 2006] 043 passed: test_Negative_IsPopulated_AttributeNameNullValue
[Mon Sep 18 18:31:58 CEST 2006] 044 passed: test_Negative_IsPopulated_AttributeNameIllegalValue
[Mon Sep 18 18:31:59 CEST 2006] 001 passed: test_Positive_getCbeInterfaces
[Mon Sep 18 18:31:59 CEST 2006] 002 passed: test_Positive_getCbeImplementation
[Mon Sep 18 18:31:59 CEST 2006] 045 passed: test_Positive_UnpopulateAttribute_AttributeNameAllDomainValues
[Mon Sep 18 18:32:00 CEST 2006] 046 passed: test_Negative_UnpopulateAttribute_AttributeNameNullValue
[Mon Sep 18 18:32:00 CEST 2006] 047 passed: test_Negative_UnpopulateAttribute_AttributeNameIllegalValue
[Mon Sep 18 18:32:00 CEST 2006] 048 passed: test_Negative_SetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:32:00 CEST 2006] 049 passed: test_Negative_SetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:32:00 CEST 2006] 050 passed: test_Negative_GetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:32:00 CEST 2006] 051 passed: test_Negative_GetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:32:00 CEST 2006] 052 passed: test_Positive_SetManagedEntityKey_DomainValue
[Mon Sep 18 18:32:00 CEST 2006] 053 passed: test_Positive_ManagedEntityKey_IllegalKey
[Mon Sep 18 18:32:00 CEST 2006] 054 passed: test_Positive_SetAttributeValue_PrimitiveMINMAXValues
[Mon Sep 18 18:32:00 CEST 2006] 055 passed: test_Negative_SetAttributeValue_PrimitiveNullValue
[Mon Sep 18 18:32:00 CEST 2006] 056 passed: test_Positive_SetAttributeValue_DomainValue
[Mon Sep 18 18:32:00 CEST 2006] 057 passed: test_Negative_SetAttributeValue_IllegalObject
[Mon Sep 18 18:32:00 CEST 2006] 058 passed: test_Positive_SetManagedEntityKey_IllegalKey
[Mon Sep 18 18:32:00 CEST 2006] 059 passed: test_Positive_SetAttributeValueKEY_IllegalKey
[Mon Sep 18 18:32:00 CEST 2006] 060 passed: test_ClassNameAndTypeAndValueKeyPair
[Mon Sep 18 18:32:00 CEST 2006] 061 passed: test_GetAttributeNames_NamesStartWithLowerCase
[Mon Sep 18 18:32:00 CEST 2006] 062 passed: test_GetOptionalAttributeNames_InAllAttributes
[Mon Sep 18 18:32:01 CEST 2006] 063 passed: test_GetSettableAttributeNames_SubsetOfGetAttributeNames
[Mon Sep 18 18:32:01 CEST 2006] 064 passed: test_UnpopulateAllAttributes_IsPopulatedFalseForAll
[Mon Sep 18 18:32:01 CEST 2006] 065 passed:
test_UnpopulateAllAttributes_GetPopulatedAttributesNamesIsEmpty
[Mon Sep 18 18:32:01 CEST 2006] 066 passed: test_UnpopulateAllAttributes_GetAttributeValueFailsForAll
[Mon Sep 18 18:32:01 CEST 2006] 067 passed: test_SetManagedEntityKey_GetPopulatedAttributeNamesContainsKEY
[Mon Sep 18 18:32:01 CEST 2006] 068 passed: test_SetManagedEntityKey_IsPopulatedKEY
[Mon Sep 18 18:32:01 CEST 2006] 069 passed: test_GetAttributeNames_ContainsKEY
[Mon Sep 18 18:32:01 CEST 2006] 070 passed: test_GetSettableAttributeNames_NotContainsKEY
[Mon Sep 18 18:32:01 CEST 2006] 071 passed:
test_SetAttributeValue_GetPopulatedAttributesNamesContainsAttributeName
[Mon Sep 18 18:32:01 CEST 2006] 072 passed: test_SetAttributeValue_IsPopulated
[Mon Sep 18 18:32:01 CEST 2006] 073 passed: test_Positive_getCbeInterfaces
[Mon Sep 18 18:32:01 CEST 2006] 074 passed: test_Positive_getCbeImplementation
[Mon Sep 18 18:32:01 CEST 2006] 075 passed: test_cbe_ClassNameAndTypeAndValueKeyPair
[Mon Sep 18 18:32:01 CEST 2006] 076 passed: test_cbe_GetAttributeNames_NamesStartWithLowerCase
[Mon Sep 18 18:32:01 CEST 2006] 077 passed: test_cbe_GetOptionalAttributeNames_InAllAttributes
[Mon Sep 18 18:32:01 CEST 2006] 078 passed: test_Positive_cbe_IsPopulated_AttributeNameAllDomainValues
[Mon Sep 18 18:32:01 CEST 2006] 079 passed: test_Negative_cbe_IsPopulated_AttributeNameNullValue
[Mon Sep 18 18:32:01 CEST 2006] 080 passed: test_Negative_cbe_IsPopulated_AttributeNameIllegalValue
[Mon Sep 18 18:32:02 CEST 2006] 081 passed: test_cbe_GetSettableAttributeNames_SubsetOfGetAttributeNames
[Mon Sep 18 18:32:02 CEST 2006] 082 passed:
test_Positive_cbe_UnpopulateAttribute_AttributeNameAllDomainValues
[Mon Sep 18 18:32:02 CEST 2006] 083 passed: test_Negative_cbe_UnpopulateAttribute_AttributeNameNullValue
[Mon Sep 18 18:32:18 CEST 2006] 084 passed:
test_Negative_cbe_UnpopulateAttribute_AttributeNameIllegalValue
[Mon Sep 18 18:32:18 CEST 2006] 085 passed: test_cbe_UnpopulateAllAttributes_IsPopulatedFalseForAll
[Mon Sep 18 18:32:19 CEST 2006] 086 passed:
test_cbe_UnpopulateAllAttributes_GetPopulatedAttributesNamesIsEmpty
[Mon Sep 18 18:32:19 CEST 2006] 087 passed: test_cbe_UnpopulateAllAttributes_GetAttributeValueFailsForAll
[Mon Sep 18 18:32:19 CEST 2006] 088 passed: test_Negative_cbe_SetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:32:19 CEST 2006] 089 passed: test_Negative_cbe_SetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:32:19 CEST 2006] 090 passed: test_Negative_cbe_GetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:32:19 CEST 2006] 091 passed: test_Negative_cbe_GetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:32:23 CEST 2006] 092 passed: test_Positive_cbe_SetManagedEntityKey_DomainValue
[Mon Sep 18 18:32:23 CEST 2006] 093 passed:
test_cbe_SetManagedEntityKey_GetPopulatedAttributeNamesContainsKEY
[Mon Sep 18 18:32:23 CEST 2006] 094 passed: test_cbe_SetManagedEntityKey_IsPopulatedKEY
[Mon Sep 18 18:32:23 CEST 2006] 095 passed: test_cbe_GetAttributeNames_ContainsKEY
[Mon Sep 18 18:32:23 CEST 2006] 096 passed: test_cbe_GetSettableAttributeNames_NotContainsKEY
[Mon Sep 18 18:32:23 CEST 2006] 097 passed: test_Positive_cbe_ManagedEntityKey_IllegalKey
[Mon Sep 18 18:32:23 CEST 2006] 098 passed: test_Positive_cbe_SetAttributeValue_PrimitiveMINMAXValues
[Mon Sep 18 18:32:23 CEST 2006] 099 passed: test_Negative_cbe_SetAttributeValue_PrimitiveNullValue
[Mon Sep 18 18:32:23 CEST 2006] 100 passed: test_Positive_cbe_SetAttributeValue_DomainValue
[Mon Sep 18 18:32:23 CEST 2006] 101 passed:

```

```

test_cbe_SetAttributeValue_GetPopulatedAttributesNamesContainsAttributeName
[Mon Sep 18 18:32:23 CEST 2006] 102 passed: test_cbe_SetAttributeValue_IsPopulated
[Mon Sep 18 18:32:24 CEST 2006] 103 passed: test_Negative_cbe_SetAttributeValue_IllegalObject
[Mon Sep 18 18:32:24 CEST 2006] 104 passed: test_Positive_cbe_testCloneEqualsImplementation
[Mon Sep 18 18:32:24 CEST 2006] 105 passed: test_Positive_query_IsPopulated_AttributeNameAllDomainValues
[Mon Sep 18 18:32:24 CEST 2006] 106 passed: test_Negative_query_IsPopulated_AttributeNameNullValue
[Mon Sep 18 18:32:24 CEST 2006] 107 passed: test_Negative_query_IsPopulated_AttributeNameIllegalValue
[Mon Sep 18 18:32:25 CEST 2006] 108 passed:
test_Positive_query_UnpopulateAttribute_AttributeNameAllDomainValues
[Mon Sep 18 18:32:26 CEST 2006] 109 passed: test_Negative_query_UnpopulateAttribute_AttributeNameNullValue
[Mon Sep 18 18:33:21 CEST 2006] 110 passed:
test_Negative_query_UnpopulateAttribute_AttributeNameIllegalValue
[Mon Sep 18 18:34:20 CEST 2006] 111 passed: test_Negative_query_SetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:35:19 CEST 2006] 112 passed:
test_Negative_query_SetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:36:24 CEST 2006] 113 passed: test_Negative_query_GetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:36:27 CEST 2006] 114 passed:
test_Negative_query_GetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:36:27 CEST 2006] 115 passed: test_Positive_query_SetAttributeValue_PrimitiveMINMAXValues
[Mon Sep 18 18:36:27 CEST 2006] 116 passed: test_Negative_query_SetAttributeValue_PrimitiveNullValue
[Mon Sep 18 18:36:27 CEST 2006] 117 passed: test_Positive_query_SetAttributeValue_DomainValue
[Mon Sep 18 18:36:27 CEST 2006] 118 passed: test_Negative_query_SetAttributeValue_IllegalObject
[Mon Sep 18 18:36:27 CEST 2006] 119 passed: test_Positive_query_testCloneEqualsImplementation
[Mon Sep 18 18:36:27 CEST 2006] 120 passed: test_query_Query_Type
[Mon Sep 18 18:36:27 CEST 2006] 121 passed: test_query_GetAttributeNames_NamesStartWithLowerCase
[Mon Sep 18 18:36:27 CEST 2006] 122 passed: test_query_GetOptionalAttributeNames_InAllAttributes
[Mon Sep 18 18:36:27 CEST 2006] 123 passed: test_query_UnpopulateAllAttributes_IsPopulatedFalseForAll
[Mon Sep 18 18:36:27 CEST 2006] 124 passed:
test_query_UnpopulateAllAttributes_GetPopulatedAttributesNamesIsEmpty
[Mon Sep 18 18:36:27 CEST 2006] 125 passed:
test_query_UnpopulateAllAttributes_GetAttributeValueFailsForAll
[Mon Sep 18 18:36:27 CEST 2006] 126 passed:
test_query_SetAttributeValue_GetPopulatedAttributesNamesContainsAttributeName
[Mon Sep 18 18:36:27 CEST 2006] 127 passed: test_query_SetAttributeValue_IsPopulated
[Mon Sep 18 18:36:28 CEST 2006] 128 passed: test_Positive_upv_IsPopulated_AttributeNameAllDomainValues
[Mon Sep 18 18:36:28 CEST 2006] 129 passed: test_Negative_upv_IsPopulated_AttributeNameNullValue
[Mon Sep 18 18:36:28 CEST 2006] 130 passed: test_Negative_upv_IsPopulated_AttributeNameIllegalValue
[Mon Sep 18 18:36:28 CEST 2006] 131 passed:
test_Positive_upv_UnpopulateAttribute_AttributeNameAllDomainValues
[Mon Sep 18 18:36:28 CEST 2006] 132 passed: test_Negative_upv_UnpopulateAttribute_AttributeNameNullValue
[Mon Sep 18 18:36:28 CEST 2006] 133 passed:
test_Negative_upv_UnpopulateAttribute_AttributeNameIllegalValue
[Mon Sep 18 18:36:28 CEST 2006] 134 passed: test_Negative_upv_SetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:36:28 CEST 2006] 135 passed: test_Negative_upv_SetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:36:28 CEST 2006] 136 passed: test_Negative_upv_GetAttributeValue_AttributeNameNullValue
[Mon Sep 18 18:36:28 CEST 2006] 137 passed: test_Negative_upv_GetAttributeValue_AttributeNameIllegalValue
[Mon Sep 18 18:36:28 CEST 2006] 138 passed: test_Positive_upv_SetAttributeValue_PrimitiveMINMAXValues
[Mon Sep 18 18:36:28 CEST 2006] 139 passed: test_Negative_upv_SetAttributeValue_PrimitiveNullValue
[Mon Sep 18 18:36:28 CEST 2006] 140 passed: test_Positive_upv_SetAttributeValue_DomainValue
[Mon Sep 18 18:36:28 CEST 2006] 141 passed: test_Negative_upv_SetAttributeValue_IllegalObject
[Mon Sep 18 18:36:28 CEST 2006] 142 passed: test_Positive_upv_testCloneEqualsImplementation
[Mon Sep 18 18:36:28 CEST 2006] 143 passed: test_upv_Type
[Mon Sep 18 18:36:28 CEST 2006] 144 passed: test_upv_GetAttributeNames_NamesStartWithLowerCase
[Mon Sep 18 18:36:28 CEST 2006] 145 passed: test_upv_GetOptionalAttributeNames_InAllAttributes
[Mon Sep 18 18:36:28 CEST 2006] 146 passed: test_upv_UnpopulateAllAttributes_IsPopulatedFalseForAll
[Mon Sep 18 18:36:28 CEST 2006] 147 passed:
test_upv_UnpopulateAllAttributes_GetPopulatedAttributesNamesIsEmpty
[Mon Sep 18 18:36:28 CEST 2006] 148 passed: test_upv_UnpopulateAllAttributes_GetAttributeValueFailsForAll
[Mon Sep 18 18:36:28 CEST 2006] 149 passed:
test_upv_SetAttributeValue_GetPopulatedAttributesNamesContainsAttributeName
[Mon Sep 18 18:36:28 CEST 2006] 150 passed: test_upv_SetAttributeValue_IsPopulated
[Mon Sep 18 18:36:28 CEST 2006] 151 passed: test_Positive_NewManagedEntityValue_AllDomainValues
[Mon Sep 18 18:36:28 CEST 2006] 152 passed: test_Negative_NewManagedEntityValue_NullValue
[Mon Sep 18 18:36:29 CEST 2006] 153 passed: test_Negative_NewManagedEntityValue_IllegalValue
[Mon Sep 18 18:36:29 CEST 2006] 154 passed: test_Positive_NewUpvValue_AllDomainValues
[Mon Sep 18 18:36:29 CEST 2006] 155 passed: test_Negative_NewUpvValue_NullValue
[Mon Sep 18 18:36:29 CEST 2006] 156 passed: test_Negative_NewUpvValue_IllegalValue
[Mon Sep 18 18:36:29 CEST 2006] 157 passed: test_Positive_NewQueryValue_AllDomainValues
[Mon Sep 18 18:36:29 CEST 2006] 158 passed: test_Negative_NewQueryValue_NullValue
[Mon Sep 18 18:36:29 CEST 2006] 159 passed: test_Negative_NewQueryValue_IllegalValue
[Mon Sep 18 18:36:29 CEST 2006] 160 passed: test_Negative_query_NullQuery
[Mon Sep 18 18:36:29 CEST 2006] 161 passed: test_Negative_update_NullUpv

```



```
[Mon Sep 18 18:36:29 CEST 2006] 162 passed: test_Positive_callMethodKeyCreateWithValue
[Mon Sep 18 18:36:29 CEST 2006] 163 passed: test_Positive_callMethodKeysCreateWithValues
[Mon Sep 18 18:36:29 CEST 2006] 164 passed: test_Positive_callMethodValuesMethWithKeys
[Mon Sep 18 18:36:29 CEST 2006] 165 passed: test_Positive_callMethodVoidWithValue
[Mon Sep 18 18:36:29 CEST 2006] 166 passed: test_Positive_callMethodValueWithKey
[Mon Sep 18 18:36:29 CEST 2006] 167 passed: test_Positive_callMethodVoidWithKey
[Mon Sep 18 18:36:29 CEST 2006] 168 passed: test_Positive_getEventTypes
[Mon Sep 18 18:36:29 CEST 2006] 169 passed: test_GetApplicationContext
[Mon Sep 18 18:36:29 CEST 2006] 170 passed: test_SetMakeApplicationContext
[Mon Sep 18 18:36:29 CEST 2006] 171 passed: test_GetApplicationDN
[Mon Sep 18 18:36:31 CEST 2006] 172 passed: test_GetPrimaryKey
[Mon Sep 18 18:36:31 CEST 2006] 173 passed: test_GetType
[Mon Sep 18 18:36:31 CEST 2006] 174 passed: test_MakePrimaryKey
[Mon Sep 18 18:36:31 CEST 2006] 175 passed: test_SetPrimaryKeyIsNull
[Mon Sep 18 18:36:31 CEST 2006] 176 passed: test_SetTypeIsNull
[Mon Sep 18 18:36:31 CEST 2006] 177 passed: test_KeyCloneEquals
```

.....

Time: 680.782

OK (177 tests)

```
[Mon Sep 18 18:39:01 CEST 2006] 002 passed: test_cbe_ClassNameAndTypeAndValueKeyPair
```

Configuration: tckproperties.txt

```
=====
#Mon Sep 18 18:39:02 CEST 2006
request_queue_jndi_name=System/System1/ApplicationType/Common/Application/1-4;1-
4/ReferenceImplementation/Comp/MessageQueue
logging_enabled=true
queue_factory_jndi_name=System/System1/ApplicationType/Common/Application/1-4;1-
4/ReferenceImplementation/Comp/QueueConnectionFactory
log_file=tcklog.txt
jar_name=../lib/common_exClient.jar
ossj.common.ex.VpnServiceRemote_JNDI_NAME=System/System1/ApplicationType/Common/Application/1-4;1-
4/ReferenceImplementation/Comp/VpnServiceBean
jndi_url=iiop://127.0.0.1:3700
xml_schema_name=../lib/XmlCommonSchema.xsd
xvt_topic_jndi_name=
jvt_topic_jndi_name=System/System1/ApplicationType/Common/Application/1-4;1-
4/ReferenceImplementation/Comp/JVTEventTopic
event_timeout=100
response_queue_jndi_name=
ossj.common.ex.VpnServiceRemote_HOME=ossj.common.ex.VpnServiceRemoteHome
jndi_factory_class=com.sun.appserv.naming.SLASCtxFactory
topic_factory_jndi_name=System/System1/ApplicationType/Common/Application/1-4;1-
4/ReferenceImplementation/Comp/TopicConnectionFactory
```

Configuration: system properties

```
=====
#Mon Sep 18 18:39:02 CEST 2006
java.runtime.name=Java(TM) 2 Runtime Environment, Standard Edition
sun.boot.library.path=E:\jdk1.5.0_06\jre\bin
java.vm.version=1.5.0_06-b05
java.vm.vendor=Sun Microsystems Inc.
java.vendor.url=http://java.sun.com/
path.separator=;
java.util.logging.config.file=\\\\logging.properties
java.vm.name=Java HotSpot(TM) Client VM
file.encoding.pkg=sun.io
user.country=US
sun.os.patch.level=Service Pack 2
java.vm.specification.name=Java Virtual Machine Specification
user.dir=K:\jsr144-private\common-1_4\oss_common_javaesdk-1_4-tck\scripts
java.runtime.version=1.5.0_06-b05
java.awt.graphicsenv=sun.awt.Win32GraphicsEnvironment
org.omg.CORBA.ORBInitialPort=3700
java.endorsed.dirs=E:\jdk1.5.0_06\jre\lib\endorsed
os.arch=x86
java.io.tmpdir=C:\DOCUME~1\vince\LOCALS~1\Temp\
line.separator=\r\n
java.vm.specification.vendor=Sun Microsystems Inc.
java.util.logging.manager=com.sun.enterprise.server.logging.ACCLogManager
```



```

user.variant=
os.name=Windows XP
sun.jnu.encoding=Cp1252
java.library.path=E:\jdk1.5.0_06\bin;.C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\system32\Windows System Resource Manager\bin\;e:\jdk1.5.0_06\bin;C:\Program Files\cvsnt;C:\Program Files\Reflection;C:\Program Files\Perforce;C:\PROGRA~1\DZBATIC~1\bin;E:\Sun\Appserver\bin;c:\bin;C:\Program Files\Apache Software Foundation\maven-2.0.4\bin;C:\Program Files\Apache Software Foundation\apache-ant-1.6.5\bin;C:\Program Files\Apache Software Foundation\Maven 1.0.2\bin;E:\adabas\bin;E:\adabas\pgm;e:\Sun\jwsdp-2.0\jwsdp-shared\bin;C:\Program Files\Tigerstripe\bin;E:\Sun\jstudio_ent81\ide\uml2\modules\DoorsIntegrationFiles\modules\bin;E:\Sun\netbeans-5.5beta2\uml3\modules\DoorsIntegrationFiles\modules\bin;C:\WINDOWS\system32;C:\WINDOWS;C:\WINDOWS\System32\Wbem;C:\WINDOWS\system32\Windows System Resource Manager\bin\;E:\jdk1.5.0_06\bin;C:\Program Files\cvsnt;C:\Program Files\Reflection;C:\Program Files\Perforce;C:\PROGRA~1\DZBATIC~1\bin;E:\Sun\Appserver9\bin;C:\bin;C:\Program Files\Apache Software Foundation\maven-2.0.4\bin;C:\Program Files\Apache Software Foundation\apache-ant-1.6.5\bin;C:\Program Files\Apache Software Foundation\Maven 1.0.2\bin;E:\Sun\jstudio_ent81\ide\uml2\modules\DoorsIntegrationFiles\modules\bin;C:\Program Files\Tigerstripe\bin
INTEGRATION_PROFILE=java
java.specification.name=Java Platform API Specification
java.class.version=49.0
sun.management.compiler=HotSpot Client Compiler
os.version=5.1
user.home=C:\Documents and Settings\vince
user.timezone=Europe/Paris
java.awt.printerjob=sun.awt.windows.WPrinterJob
file.encoding=Cp1252
java.specification.version=1.5
PROPERTIES_FILE=tck_properties.txt
org.omg.CORBA.ORBInitialHost=localhost
java.class.path=E:\Sun\AppServer\lib\appserv-rt.jar;E:\Sun\AppServer\lib\javaee.jar;E:\Sun\AppServer\lib\appserv-ext.jar;E:\Sun\AppServer\lib\install\applications\jmsra\imqjmsra.jar;E:\Sun\AppServer\imq\lib\fscontext.jar;E:\Sun\AppServer\lib\appserv-cmp.jar;E:\Sun\AppServer\lib\dbschema.jar;E:\Sun\AppServer\lib\appserv-admin.jar;E:\jdk1.5.0_06\lib\tools.jar;...lib\oss_common_tck-1.4.jar;...lib\junit-3.8.1.jar;...lib\common_exClient.jar;...lib\oss_cbe_agreement_ri-1.4.jar;...lib\oss_cbe_agreement_spec-1.4.jar;...lib\oss_cbe_alarm_ri-1.4.jar;...lib\oss_cbe_alarm_spec-1.4.jar;...lib\oss_cbe_bi_ri-1.4.jar;...lib\oss_cbe_bi_spec-1.4.jar;...lib\oss_cbe_customer_ri-1.4.jar;...lib\oss_cbe_customer_spec-1.4.jar;...lib\oss_cbe_datatypes_ri-1.4.jar;...lib\oss_cbe_datatypes_spec-1.4.jar;...lib\oss_cbe_location_ri-1.4.jar;...lib\oss_cbe_location_spec-1.4.jar;...lib\oss_cbe_measurement_ri-1.4.jar;...lib\oss_cbe_measurement_spec-1.4.jar;...lib\oss_cbe_party_ri-1.4.jar;...lib\oss_cbe_party_spec-1.4.jar;...lib\oss_cbe_policy_ri-1.4.jar;...lib\oss_cbe_policy_spec-1.4.jar;...lib\oss_cbe_product_ri-1.4.jar;...lib\oss_cbe_product_spec-1.4.jar;...lib\oss_cbe_report_ri-1.4.jar;...lib\oss_cbe_report_spec-1.4.jar;...lib\oss_cbe_resource_ri-1.4.jar;...lib\oss_cbe_ri-1.4.jar;...lib\oss_cbe_schedule_ri-1.4.jar;...lib\oss_cbe_schedule_spec-1.4.jar;...lib\oss_cbe_service_ri-1.4.jar;...lib\oss_cbe_service_spec-1.4.jar;...lib\oss_cbe_sla_ri-1.4.jar;...lib\oss_cbe_sla_spec-1.4.jar;...lib\oss_cbe_spec-1.4.jar;...lib\oss_cbe_trouble_ri-1.4.jar;...lib\oss_cbe_trouble_spec-1.4.jar;...lib\oss_common_ri-1.4.jar;...lib\oss_common_spec-1.4.jar
user.name=vince
java.vm.specification.version=1.0
java.home=E:\jdk1.5.0_06\jre
sun.arch.data.model=32
user.language=en
java.specification.vendor=Sun Microsystems Inc.
awt.toolkit=sun.awt.windows.WToolkit
java.vm.info=mixed mode
java.version=1.5.0_06
java.ext.dirs=E:\jdk1.5.0_06\jre\lib\ext
sun.boot.class.path=E:\jdk1.5.0_06\jre\lib\endorsed\dom.jar;E:\jdk1.5.0_06\jre\lib\endorsed\japi.jar;E:\jdk1.5.0_06\jre\lib\endorsed\sax.jar;E:\jdk1.5.0_06\jre\lib\endorsed\xalan.jar;E:\jdk1.5.0_06\jre\lib\endorsed\xercesImpl.jar;E:\jdk1.5.0_06\jre\lib\rt.jar;E:\jdk1.5.0_06\jre\lib\i18n.jar;E:\jdk1.5.0_06\jre\lib\sunrsasign.jar;E:\jdk1.5.0_06\jre\lib\jsse.jar;E:\jdk1.5.0_06\jre\lib\jce.jar;E:\jdk1.5.0_06\jre\lib\charsets.jar;E:\jdk1.5.0_06\jre\classes

```

```
java.vendor=Sun Microsystems Inc.  
file.separator=\  
java.vendor.url.bug=http://java.sun.com/cgi-bin/bugreport.cgi  
sun.io.unicode.encoding=UnicodeLittle  
sun.cpu.endian=little  
com.sun.appserv.iiope.endpoints=localhost\:3700  
sun.desktop=windows  
sun.cpu.isalist=
```

```
=====  
End of report.
```