JSR 91 - OSS Trouble Ticket API version 1.2

Change Log

OSS through Java™ Initiative

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TT_API_SPEC_change_log.docx

Executive Summary

This document summarizes the changes to the OSS Trouble Ticket API (JSR 91) specification Version 1.2. The main purpose of this version is to update and fix issues related to the Trouble Ticket entities.

However, since maintenance release to the specification was taking place, additional modifications to the previously existing Java Value Type interface were also incorporated.

All these modifications are coming from the Web Bug tracking system at:

- https://jsr091-public.dev.java.net

- https://jsr091-private.dev.java.net (dedicated to OSS/J Members)

There is currently only one list of changes:

- "proposed" changes are those modifications that are included in OSS Trouble Ticket API version 1.2.

The detailed description of changes in this document is principally of interest to people implementing the OSS Trouble Ticket API specification.

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1 Preface

1.1 Objectives

This document lists all the changes that have been requested for the maintenance release v1.2 version of the OSS Trouble Ticket API, JSR 91.

The changes have been collected through:

- Java.net Issue Tracker: Bug and Request For Evolution (RFE) submitted by Java developers

1.2 Audience

This document is used to start a Maintenance Release of the OSS Trouble Ticket API JSR 91.

According to the JCP^{SM} :

The Maintenance Lead (ML) will arrange to have all change items placed into the PROPOSED section of the Change Log (this document) and then send a request to the PMO to initiate a Maintenance Review. The PMO will make a public announcement and begin the review.

1.3 Approval and Distribution

The ML may choose to modify one or more of the proposed changes based on comments received during review.

1.4 Related Information

oss_trouble_ticket-1_1-mr-spec.zip: contains the Version 1.1 of the OSS Trouble Ticket API, JSR 91,
http://www.tmforum.org/ossj/downloads/jsr091

The backward compatibility may not be guaranteed. The deprecation mechanism of java will be applied every time possible.

"*Deprecated* means this method is still usable, but you should not use it. It will gradually be phased out. There is a new method to do the same thing. Deprecated methods are marked with a special JavaDoc comment."

See addition information about java deprecation at:

http://java.sun.com/j2se/1.3/docs/guide/misc/deprecation/deprecation.html

1.5 Revision History

Date	Version	Author	State	Comments
Apr 2007	1.2.1	Roman Schlegel FROX communication	Initial Draft	Collection of private and public issues from java.net projects
Jun 2007	1.2.2	Roman Schlegel FROX communication	Revised Draft	Applied comments of VP

2 Summary of changes

2.1 Public domain

- Issue #7: Query Values badly named

- Issue #8: Update procedure objects are badly named

2.2 Private domain

- Issue #1: Use lower case for value of TroubleTicketState

- Issue #2: TroubleTicketState definitions are duplicated

- Issue #3: Use TroubleTicketState type for TT state attribute

- Issue #4: Import cbe classes from common 1.4

- Issue #5: Use generation tools to produce, at least, CBE interface definition

- Issue #6: Use the latest XML plugin to generate

3 Proposed changes

Details on the fix implementations are available in Issue tracker.

3.1 Public domain

3.1.1 Issue #7: Query Values badly named

The query value names do not follow the OSSj standard:

The OSS Common API Spec v 1.4 mandates:

Chapter 3.1.3 of the user's guide:

For any NamedQueryValue definition, the corresponding NamedQueryResponse shall be defined using the following naming conventiton:

- public interface <query type>QueryValue

- public interface <query type>QueryResponse

The javax.oss.NamedQueryValue shall be the based definition for all named queries. The javax.oss.NamedQueryResponse shall be the based definition for all named query responses.

So for example: QueryAllOpenTroubleTicketsValue shall be renamed AllOpenTroubleTicketsQueryValue, same for all Query values and responses.

3.1.2 Issue #8: Update procedure objects are badly named

The query value names do not follow the OSSj standard:

The OSS Common API Spec v 1.4 mandates:

Chapter 3.1.4:

For any UpdateprocedureValue definition, the corresponding UpdateProcedureResponse shall be defined using the following naming conventiton:

- public interface <procedure type>UpdateProcedureValue

- public interface <procedure type>UpdateProcedureResponse

The javax.oss.UpdateProcedureValue shall be the based definition for all named procedures. The javax.oss.UpdateProcedureResponse shall be the based definition for all named procedures. Additional Common Objects

So for example: UpvAssociateTroubleTicketItemsValue shall be renamed AssociateTroubleTicketItemsUpdateProcedureValue, same for all update procedure values and responses.

Note that a the common TCK have been updated to test this: see https://jsr144-private.dev.java.net/issues/show_bug.cgi?id=48

3.2 Private domain

3.2.1 Issue #1: Use lower case for value of TroubleTicketState

use Public final string QUEUED = "queued"

instead of

Public final string QUEUED = "QUEUED"

for example in TTState

3.2.2 Issue #2: TroubleTicketState definitions are duplicated

TroubleTicketState definitions are present in trouble and cbe.trouble packages. I guess that only the cbe.trouble is valid.

Warning, the TTValue, notification, etc using TTState shall also be updated accordingly.

3.2.3 Issue #3: Use TroubleTicketState type for TT state attribute

The attribute of the type TTState shall be declare as TroubleTicketState instead of String (in the Tigerstripe artifacts).

This change shall be done in

- *event

- JVT session interface (methods,...)

3.2.4 Issue #4: Import cbe classes from common 1.4

All TT Common Business Entities (package javax.oss.cbe.trouble.*) shall be physically imported from JSR 144 Common API into the JSR 091 TroubleTicket API.

This was requested based on the decisions made at the Team Action Week of January 22-25th 2007.

Quote from the minutes (http://www.tmforum.org/cws/download.aspx?ID=7879&team_ID=171):

"Very large Common API: is it really necessary? Common should contain only common information.

Action: Analyze Common and figure if we can make it smaller and have less dependencies between Common and the functional APIs: Vincent"

For details in jsr144, see: https://jsr144-private.dev.java.net/issues/show_bug.cgi?id=84

All changes have been accepted:

https://jsr144-private.dev.java.net/files/documents/3868/53313/COM-API-CBE_changes.0.1.xls have been updated to repoort the progress.

All the entities that have been transfered are packaged with instructions at:

https://jsr144-private.dev.java.net/servlets/ProjectDocumentList?folderID=7170&expandFolder=7170&folderID=6508

In the same move, the TroubleTicketState definitions are merged into a single definition.

3.2.5 Issue #5: Use generation tools to produce, at least, CBE interface definition

In jsr 144 issue https://jsr144-private.dev.java.net/issues/show_bug.cgi?id=38 it was requested to use tooling to ensure consistency for cbe classes. Since these classes are being moved to jsr 091 the same applies to this project.

3.2.6 Issue #6: Use the latest XML plugin to generate

Use the latest XML plugin to generate the XML/JMS and WS profile specs.