Java Transaction API Maintenance Release 1.3

Description:

Maintenance review of the JAVA Transaction (JTA) API 1.3 Specification

Maintenance Lead:

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Feedback:

Comments should be sent to jta-spec@javaee.groups.io

Rationale for Changes:

Make it easier to use JTA with Java SE 9 and above.

Proposed Changes:

1. Removal of the javax.transaction.xa package

This package will be subsumed into the Java Platform JSR and will no longer be part of the JTA specification:

- Java SE has provided a subset of JTA since Java SE 1.3
- javax.transaction.xa (XA) supports XA transactions in JDBC and is co-located with JDBC in the java.sql module in Java SE 9. Because the java.sql module is not upgradeable, it is not possible for a standalone version of JTA to override the Java SE version of the XA package, but this is generally acceptable to applications because the XA package has been stable for many years and the Java SE version is identical to the JTA javax.transaction.xa package

- Eliminates the split package issue as the Java SE java.sql module provides javax.transaction.xa
- Allows JTA to be specified on the module path
    - The java.transaction module in Java SE 9 is an upgradable module, and used by modules such as java.corba
    - Provides for the use of the full version of JTA, which includes additional types that are not in Java SE, that may be required by Java EE applications

2. Specify that the module name for JTA is java.transaction

This allows JTA to have a stable module name making it easier for applications to migrate to Java SE 9 and above.