

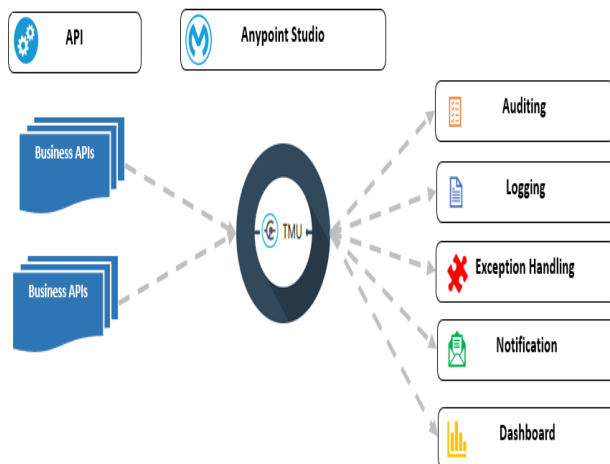
TISSA MULE UTILITY & FRAMEWORK

BUSINESS NEEDS

Every business integration requires logging and exception handling for better clarity of integration status and support activities, maintenance, reprocessing and analytics also Error handling framework should not have any dependency on cloud, third party applications, it should be real time.

TMU SOLUTION: -

TMU is common utility framework for Mule Application development which helps user or API developer to develop the application with efficient logging and exception handling framework, persist all the transaction logs and exception through MUF DB which helps user to track and maintain the transaction history also provide a facility to track your application defect quickly with MUF Transaction APIs. It helps to track each transaction, replay the transaction and has ability to integrate with splunk to generate analytics for your APIS/Integrations.



- Any Point API main process will invoke TMU connector
- TMU will invoke inbuilt exception handler flow dynamically called as a global.xml flow
- TMU will take care Auditing, Logging, Exception handling with minimal configuration
- Notification and Dashboard are optional features of TMU which can configurable
- Get transactions details by providing transactionID
- Reprocessing of requests/data by using replay functionality

MAJOR REAURES

The **TMU framework** will handle following:

- Auditing
- Logging – Async, DB, JMS or Splunk
- Exceptional Handling
- Business Exception
- System Exceptions
- Notification and Escalation
- Splunk Dashboard and Escalation (optional)

PRE-REQUISTES

The following setups need to be completed in Oracle ERP Cloud:

- Active MQ
- Mule Anypoint Studio
- Java Development Kit (JDK) version 7 or 8 to compile and build your Java code
- Apache Maven to manage your project's build
- Anypoint DevKit Plugin
- Database: - Required one of the supported databases.
 - Mongo DB

TMU CONNECTOR REFERENCE

