

Transaction Engine (Capability)

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1. Role Definition



The Service Domain provides a utility/background operational support service to orchestrate a schedule of payment transaction and reporting activities for the fulfillment of certain long term instruments or structured facilities. The Service Domain maintains a link to the associated fulfillment Service Domain and the applicable product instance for reporting and processing issues that may arise.

2. Example of Use



The mortgage fulfillment Service Domain delegates repayment processing to the Transaction Engine for its active mortgage product instances

3. Executive Summary



Orchestrate a schedule of payment transaction and reporting activities for the fulfillment of certain long term instruments or structured facilities

4. Key Features

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- Establish the processing schedule for a product instance
- Process transaction and reporting tasks as necessary
- Escalate issues to the product fulfillment Service Domain as necessary
- Report on transaction fulfillment activity

Documentation

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Properties

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Property	Value
Service Domain	
API BIAN Portal	Transaction Engine API (https://app.swaggerhub.com/apis/BIAN-3/TransactionEngine/12.0.0)
Core Business Object	 Transaction Schedule Arrangement (object_26.html?object=35225)
Individual Analytics	transactionScheduleFulfillmentArrangementAccumulators transactionScheduleFulfillmentArrangementActivityAnalysis transactionScheduleFulfillmentArrangementPerformanceAnalysis transactionScheduleFulfillmentArrangementTrends&Events
Portfolio Analytics	transactionScheduleFulfillmentArrangementPortfolioActivityAnalysis transactionScheduleFulfillmentArrangementPortfolioMake-UpAnalysis transactionScheduleFulfillmentArrangementPortfolioPerformanceAnalysis
Scenarios	
Service Role	Orchestrate a schedule of payment transaction and reporting activities for the fulfillment of certain long term instruments or structured facilities
BIAN Life Cycle	
Registration Status	Registered
Stereotypes	

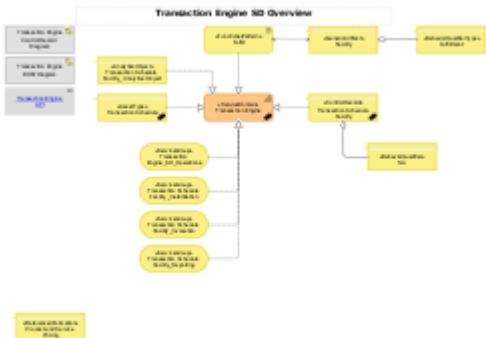
stereotype

ServiceDomain

Appears on

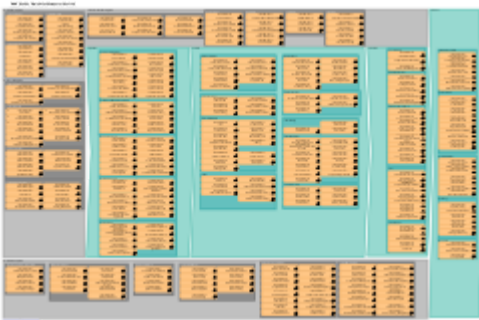


(views/view_51654.html)



Transaction Engine SD Overview

(views/view_51705.html)



BIAN Service Landscape V12.0 Value Ch...

(views/view_51891.html)



BIAN Service Landscape V12.0 Matrix Vi...

Relations



aggregated
by



Account Management (object_25.html?object=130314)

Wave 3 (object_25.html?object=153743)

Clearing And Settlement (object_25.html?object=171759)

gets input
from



Corporate Current Account (object_21.html?object=34221)

is equal to



Transaction Engine (object_37.html?object=41034)

is part of



Account Management (object_25.html?object=130314)

realized by



Transaction Schedule Facility_ Analytics Object (object_25.html?object=111425)



Transaction Engine_SD_Operations (object_19.html?object=216486)



Transaction Schedule Facility_Invocation (object_18.html?object=216504)



Transaction Schedule Facility_Reporting (object_18.html?object=216506)



Transaction Schedule Facility_Instantiation (object_18.html?object=216510)



Transaction Engine_SD_Service Group (object_19.html?object=241817)



Co CR Control an active transaction processing arrangement (object_13.html?object=32043)



Ec CR Accept, reject a proposed action (object_13.html?object=32064)



Transaction Schedule Facility (object_24.html?object=36036)



Up CR Update details for an active transaction processing arrangement (object_14.html?object=37272)



Re CR Retrieve details about delegated transaction processing for a product instance (object_15.html?object=40369)



Ex CR Execute an automated function for a transaction processing arrangement (object_12.html?object=42288)



In CR Initiate delegated transaction processing for a product instance (object_16.html?object=43933)



Transaction Schedule (object_24.html?object=48008)



Fulfill (object_28.html?object=58132)

serves



Payment Management (object_6.html?object=130270)
