

Rule Engine Status Screen

V3.0.0.59

Accumed Rules Engine

Cached Repository

Status: valid

Cached tables count: 42

Invalid objects count: 0

Timestamp: 21,Jan 2018 11:00:40

Cached Tables

1 ACCUMED_DHA_CPT

2 BS_PROFESSIONS

3 ACCUMED_DHA_ICD10

4 ACCUMED_DRUG_PRICES

5 ACCUMED_CODE_GROUPS

Options

Enable Logging patient claim History

Disable DB rules

Claim validation history

Rules Supervisors

Supervisors Count 4 -- --

Supervision Laws D:\RulesEngine\AccumedRules\

Busy Supervisors 0 -- --

Laws versions 21,Jan 2018 11:08:09

Service Agents

Cached Repository Agent running

Restart All

Cleansing queue size 0

Logger Agent running

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Logging queue size 0

Rules Service

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Last request time: 31

Average validation time: 94

Last minute validation claims count: 16

Min. validation time: 0/APM-5851240

Last 10 minutes validation claims count: 91

Max. validation time: 1422/APM-5874307

Last 30 minutes validation claims count: 91

Last minute average time: 143

Total requests: 100

Last 10 minutes average time: 94

Total validation claims count: 91

1. Cached Repository

This section provides information about the cached data from ACCUMED Live DB.

Item	Description
Status	Valid: the cached data is identical to the data in the DB. Invalid: the cached data is different than the data in the DB. The changed in DB will be checked periodically by rules engine, this can be controlled by: com.accumed.rules.engine.repository.check.interval=currently is set to 30 seconds
Cached tables count	Number: the count of tables cached in the rules engine in-memory repository
Invalid objects count	Number: the count of invalid objects due to invalid data related to changed tables in the DB. Note: multiple objects may rely on single tables.
Timestamp	The time when that last synchronization with the DB was done.
Cached tables	Lists the cached tables in the rules engine in-memory repository.

2. Rules Supervisors

Item	Description
Supervisors count	<p>The count of supervisors currently existed in rules engine, each supervisor has its own cached repository instance and will be disposed and re-created when any change detected in the main cached repository.</p> <p>Each supervisor creation consumes about 2.5 GB of RAM. The minimum and maximum count of supervisors can be controlled by: com.accumed.rules.engine.workers.pool.min.size: currently set to 4 com.accumed.rules.engine.workers.pool.max.size: currently set to 10</p>
Busy Supervisors	<p>The count of busy supervisors, if another claim is sent when all the supervisors are busy a new one will be created, and this will take some time ...currently about 10 to 20 seconds.</p>
Supervision Laws	<p>The directory where rules packages are being used.</p>
Laws version	<p>The version of the packages (the file date-time).</p>

3. Service Agents

Item	Description
Cached Repository Agent	<p>Running/stopped</p> <p>The agent who checks for DB changes compared to cached repository</p>
Logger Agent	<p>Running/stopped</p> <p>The agent responsible to clean the in-memory logging of the rules engine after pre-defined period currently set to 12 hours.</p>
Cleansing queue size	<p>The number of threads working in cleansing supervisors.</p> <p>After a supervisor works in validating a claim it needs to rest for a while and clean his mind ☺ this is done in a separated thread.</p>
Logging queue size	<p>The queue size of the persisting function of requests, that is the waiting requests to be saved.</p> <p>The persisting of requests is done by dedicated set of threads, the number of those threads can be controlled by: com.accumed.rules.engine.logging.threads.max.count=currently set to 2</p>
Restart all	<p>To restart all agents...</p>

4. Rules Service

5. Options

Item	Description
Enable Logging Patient claim history	<p>By default: disabled</p> <p>When enabled the previous claims coming with the claim being validated will be saved to rules engine logging DB.</p> <p>This will consume a considerable time while saving the claims. This should be disabled after testing the desired claims ... it is for debugging purposes.</p>
Disable DB rules	<p>By default: enabled</p> <p>When disabled.. no more DB-rules will be evaluated and no more queries will be sent to the DB.</p> <p>This will enhance the performance very much But the rules will not be evaluated.</p>

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21- Jan- 2018