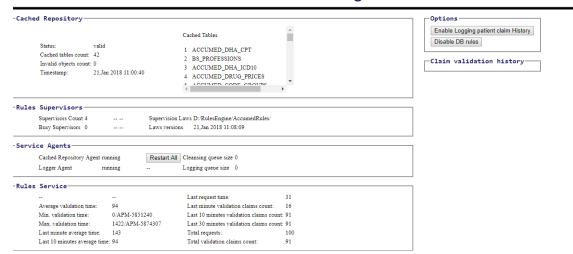
Rule Engine Status Screen V3.0.0.59

Accumed Rules Engine



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	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.
	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
Busy Supervisors	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 timecurrently about 10 to 20 seconds.
Supervision Laws	The directory where rules packages are being used.
Laws version	The version of the packages (the file date-time).

3. Service Agents

Item	Description
Cached Repository Agent	Running/stopped
	The agent who checks for DB changes compared to cached repository
Logger Agent	Running/stopped
	The agent responsible to clean the in-memory logging of the rules
	engine after pre-defined period currently set to 12 hours.
Cleansing queue size	The number of threads working in cleansing supervisors.
	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.
Logging queue size	The queue size of the persisting function of requests, that is the
	waiting requests to be saved.
	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
Restart all	To restart all agents

4. Rules Service

5. Options

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

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21- Jan- 2018