

| Elements Mapping | | | |
|------------------|--------------------------------|--------------------|--------------------|
| # | UML | Stereotype | LQN |
| 1 | Node | GaExecHost | Processor |
| 2 | Actor | GaWorkloadEvent | Task |
| 3 | Component | | Task |
| 4 | BehaviorExecutionSpecification | GaScenario | Entry |
| 5 | MessageOccurrenceSpecification | | ActivityPhases |
| 6 | Message | | ActivityMakingCall |
| 7 | Message | GaStep | Activity |
| 8 | Use Case | GaWorkloadBehavior | |

| Attributes Mapping | | |
|--------------------|--------------------------------------|------------------------------------|
| # | UML-Element::Tag | LQN-Element::Attribute |
| 1 | Node::name | Processor::name |
| 1 | Node::resMult | Processor::replication |
| 4 | BehaviorExecutionSpecification::name | Entry::name |
| 5 | BehaviorExecutionSpecification::name | ActivityMakingCallType::dest |
| 6 | Message::rep | ActivityMakingCall::calls-mean |
| 7 | const "1" | ActivityPhasesType::phase |
| 7 | Message::rep,Message::execTime | ActivityPhasesType::hostDemandMean |
| 7 | Message::name | ActivityPhasesType::name |

| Back Annotation | | | | |
|------------------------|--------------------------------|------------------------|---------------------|-----------------------|
| # | UML | Stereotype::Tag | LQN::Element | LQN::Attribute |
| 1 | Node | utiization | result-processor | utilization |
| 4 | BehaviorExecutionSpecification | utilization | result-entry | utilization |
| 4 | BehaviorExecutionSpecification | throughput | result-entry | throughput |
| 7 | Message | respT | result-activity | service-time |