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;; Comment. Sample CTAEMS file.
(spec_version "VERSION_NUMBER")
;; Agent specification
(spec_agent
  (label AGENT1_NAME)
)
(spec_agent
  (label AGENT2_NAME)
)
;; More Agents as needed
;; Tasks
(spec_task_group
  (label TASK_GROUP1_NAME)
  (subtasks SUBTASK1_NAME SUBTASK2_NAME) ;; More Subtasks as needed
  (qaf QAF)
)
(spec_task
  (label SUBTASK1_NAME)
  (earliest_start_time EARLIEST_START)
  (deadline DEADLINE)
  (subtasks METHOD1_NAME) ;; More Subtasks or Methods as needed
  (qaf QAF)
)
(spec_task
  (label SUBTASK2_NAME)
  (earliest_start_time EARLIEST_START)
  (deadline DEADLINE)
  (subtasks METHOD2_NAME)
  (qaf QAF)
)
(spec_method
  (label METHOD1_NAME)
  (agent AGENT1_NAME)
  (outcomes
    (METHOD1_NAME_OUTCOME_0
      (density DENSITY)
      (quality_distribution QUALITY1 PROBABILITY1 QUALITY2 PROBABILITY2) ;; More
Qualities as needed
      (duration_distribution DURATION1 PROBABILITY1 DURATION2 PROBABILITY2) ;;
More Durations as needed
    )
  )
)
(spec_method
  (label METHOD2_NAME)
  (agent AGENT2_NAME)
  (outcomes
    (METHOD2_NAME_OUTCOME_0
      (density DENSITY)

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                (quality_distribution QUALITY1 PROBABILITY1 QUALITY2 PROBABILITY2) ;; More
Qualities as needed
                (duration_distribution DURATION1 PROBABILITY1 DURATION2 PROBABILITY2) ;;
More Durations as needed
            )
        )
;; More Methods, Tasks, and Task Groups as needed
;; Relationships
(spec_ENABLES_DISABLES
    (label RELATIONSHIP1_NAME)
    (from TASK1_NAME)
    (to TASK2_NAME)
)
(spec_FACILITATES_HINDERS
    (label RELATIONSHIP2_NAME)
    (from TASK1_NAME)
    (to METHOD2_NAME)
    (quality NEW_QUALITY)
    (duration NEW_DURATION)
)
;; More Relationships as needed

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