

«interface» Sensor
+ cleanMeasurements(TimeWindow) : boolean + countMeasurements(TimeWindow) : int + fetchMeasurements(TimeWindow) : List<Measurement>

«interface» Monitor
+ postMeasurement(Measurement) : Acknowledgement

«interface» MonitorManagement
+ changeMetricCalculationPeriodicity(Metric, ChronologicalExpression) : boolean + updateMonitoringRule(MonitoringRule) : boolean

«interface» Analyzer
+ reportControlSymptoms(List<ControlSymptom>) : boolean

«interface» Planner
+ requestAdaptation(List<ChangeRequest>) : boolean

«interface» Executor
+ realizeActionPlan(ActionPlan) : boolean

«interface» VariableSpace
+ getVariableValue(Variable) : Value + getVariableReferenceValue(Variable) : Value + setVariableValue(Variable, Value) : Value

«interface» AnalyzerKnowledge
+ recordSymptomTrend(List<ControlSymptom>) : Trend + recordSymptomViolation(ReferenceVariable, List<ControlSymptom>) : Violation + matchSymptomTrend(List<ControlSymptom>) : List<Pair<Trend, List<Violation>>>

«interface» PlannerKnowledge
+ retrieveQualityModel() : QualityModel + retrieveQualityConfigurationModel() : QualityConfiguration + retrieveApplicabilityModel() : ArtifactApplicabilityModel + recordActionPlan(OptimizationResolution, ActionPlan) : boolean + retrieveActionPlan(OptimumResolution) : ActionPlan

«interface» Effector
+ execute(Command) : void