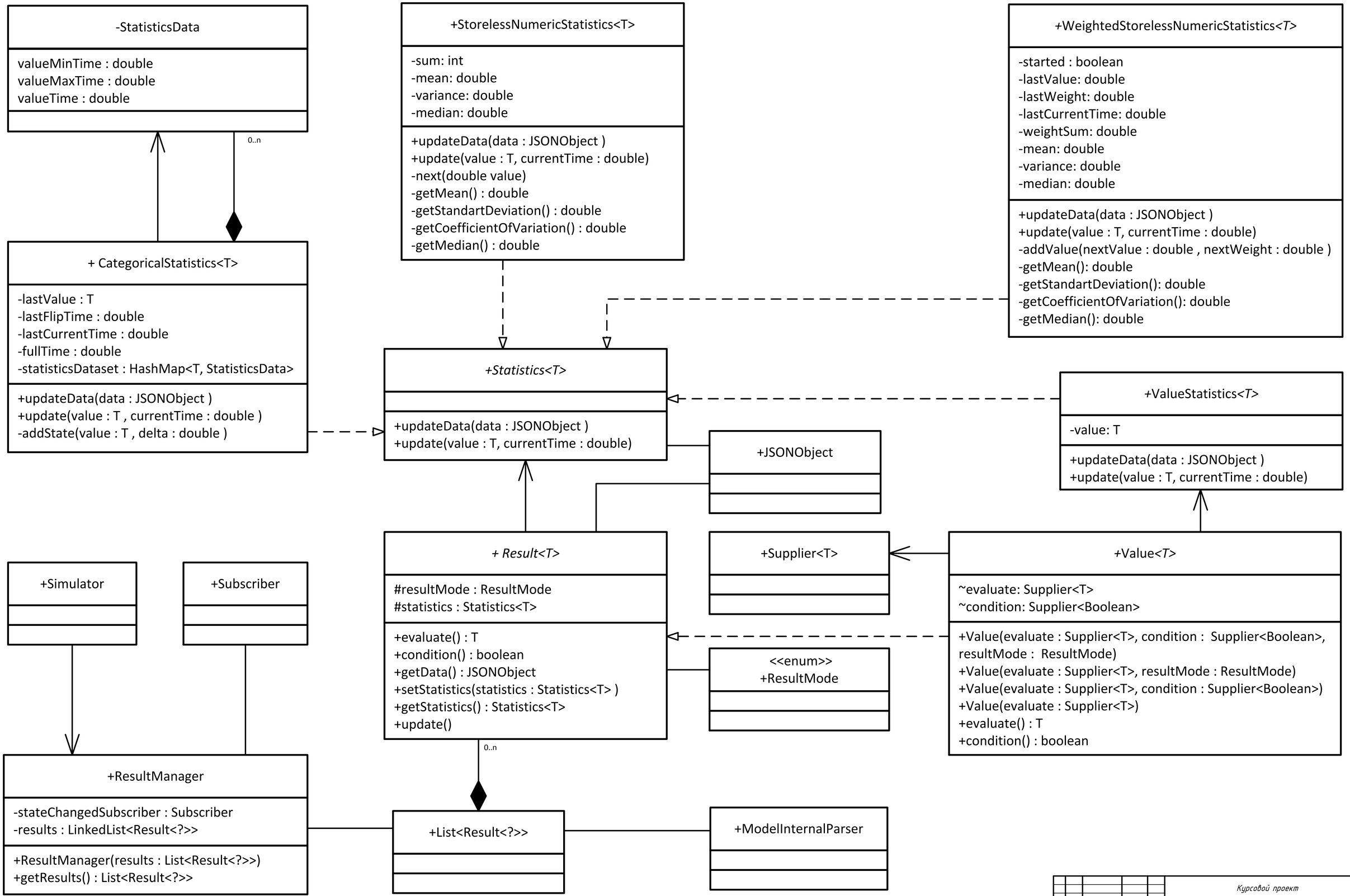
-StatisticsData
valueMinTime : double
valueMaxTime : double
valueTime : double
0..n
+StorelessNumericStatistics<T>
-sum: int
-mean: double
-variance: double
-median: double
+updateData(data : JSONObject)
+update(value : T, currentTime : double)
-next(double value)
-getMean() : double
-getStandartDeviation() : double
-getCoefficientOfVariation() : double
-getMedian() : double
+WeightedStorelessNumericStatistics<T>
-started : boolean
-lastValue: double
-lastWeight: double
-lastCurrentTime: double
-weightSum: double
-mean: double
-variance: double
-median: double
+updateData(data : JSONObject)
+update(value : T, currentTime : double)
-addValue(nextValue : double , nextWeight : double)
-getMean(): double
-getStandartDeviation(): double
-getCoefficientOfVariation(): double
-getMedian(): double
+ CategoricalStatistics<T>
-lastValue : T
-lastFlipTime : double
-lastCurrentTime : double
-fullTime : double
-statisticsDataset : HashMap<T, StatisticsData>
+updateData(data : JSONObject)
+update(value : T , currentTime : double)
-addState(value : T , delta : double)
+Statistics<T>
+updateData(data : JSONObject)
+update(value : T, currentTime : double)
+ValueStatistics<T>
-value: T
+updateData(data : JSONObject)
+update(value : T, currentTime : double)
+JSONObject
+Supplier<T>
+Value<T>
~evaluate: Supplier<T>
~condition: Supplier<Boolean>
+Value(evaluate : Supplier<T>, condition : Supplier<Boolean>, resultMode : ResultMode)
+Value(evaluate : Supplier<T>, resultMode : ResultMode)
+Value(evaluate : Supplier<T>, condition : Supplier<Boolean>)
+Value(evaluate : Supplier<T>)
+evaluate() : T
+condition() : boolean
+ Result<T>
#resultMode : ResultMode
#statistics : Statistics<T>
+evaluate() : T
+condition() : boolean
+getData() : JSONObject
+setStatistics(statistics : Statistics<T>)
+getStatistics() : Statistics<T>
+update()
<<enum>>
+ResultMode
+Simulator
+Subscriber
0..n
+ResultManager
-stateChangedSubscriber : Subscriber
-results : LinkedList<Result<?>>
+ResultManager(results : List<Result<?>>)
+getResults() : List<Result<?>>
+List<Result<?>>
+ModelInternalParser
Курсовой проект
Диаграмма классов собираемых показателей
Лит.
Масса
Масштаб
Изм. Лист № докум. Подп. Дата
Разраб. Чернов А.О.
Провер. Чрусов А.В.
Т.контроль
Н.контроль
Утв.
Лист 5
Листов 7
МГТУ им. Н.Э. Баумана
Кафедра РК9
Группа РК9-28М