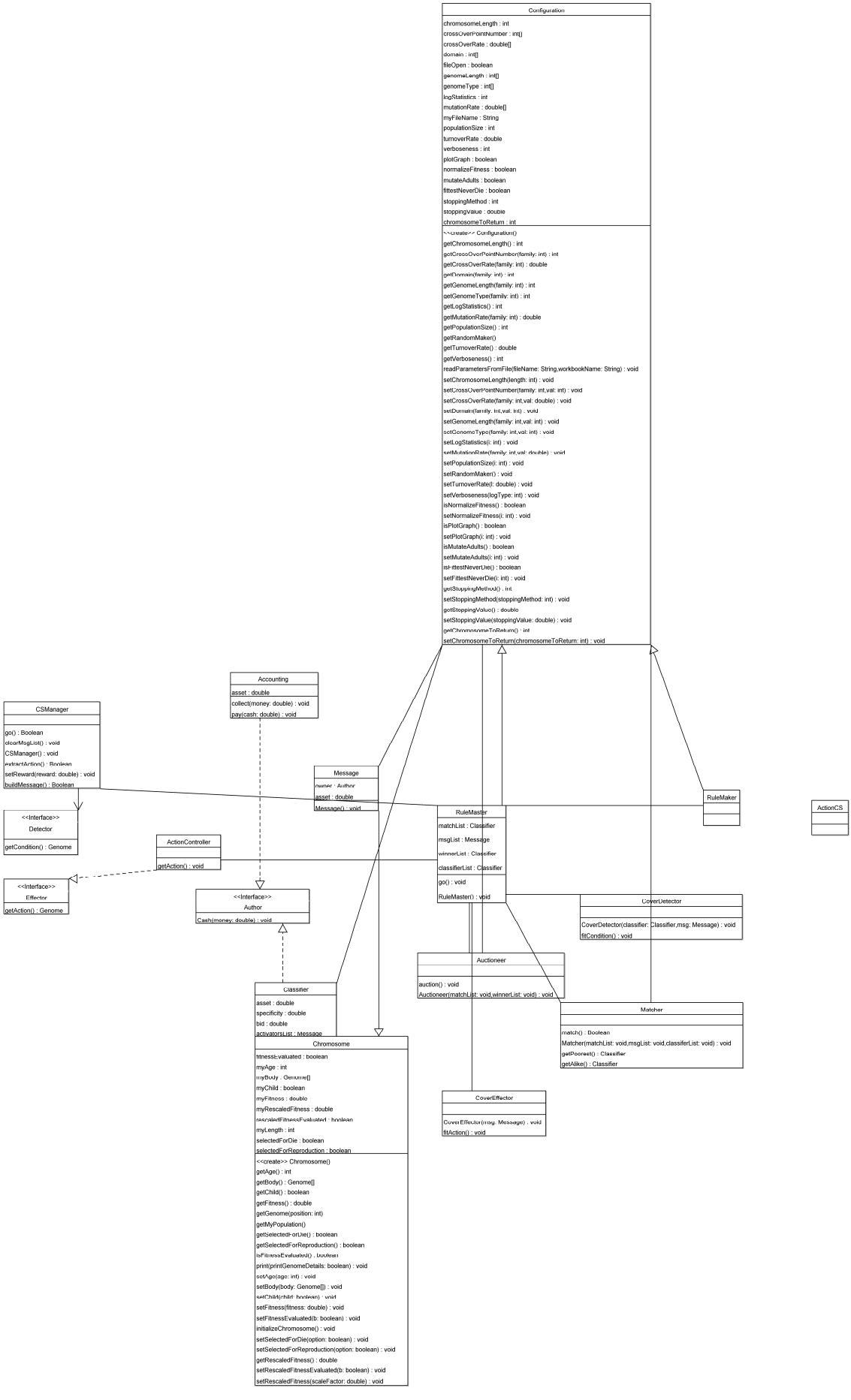
Configuration
chromosomeLength : int
crossOverPointNumber : int[]
crossOverRate : double[]
domain : int[]
fileOpen : boolean
genomeLength : int[]
genomeType : int[]
logStatistics : int
mutationRate : double[]
myFileName : String
populationSize : int
turnoverRate : double
verboseness : int
plotGraph : boolean
normalizeFitness : boolean
mutateAdults : boolean
fittestNeverDie : boolean
stoppingMethod : int
stoppingValue : double
chromosomeToReturn : int
<<create>> Configuration()
getChromosomeLength() : int
getCrossOverPointNumber(family: int) : int
getCrossOverRate(family: int) : double
getDomain(family: int) : int
getGenomeLength(family: int) : int
getGenomeType(family: int) : int
getLogStatistics() : int
getMutationRate(family: int) : double
getPopulationSize() : int
getRandomMaker()
getTurnoverRate() : double
getVerboseness() : int
readParametersFromFile(fileName: String,workbookName: String) : void
setChromosomeLength(length: int) : void
setCrossOverPointNumber(family: int,val: int) : void
setCrossOverRate(family: int,val: double) : void
setDomain(family: int,val: int) : void
setGenomeLength(family: int,val: int) : void
setGenomeType(family: int,val: int) : void
setLogStatistics(i: int) : void
setMutationRate(family: int,val: double) : void
setPopulationSize(i: int) : void
setRandomMaker() : void
setTurnoverRate(l: double) : void
setVerboseness(logType: int) : void
isNormalizeFitness() : boolean
setNormalizeFitness(i: int) : void
isPlotGraph() : boolean
setPlotGraph(i: int) : void
isMutateAdults() : boolean
setMutateAdults(i: int) : void
isFittestNeverDie() : boolean
setFittestNeverDie(i: int) : void
getStoppingMethod() : int
setStoppingMethod(stoppingMethod: int) : void
getStoppingValue() : double
setStoppingValue(stoppingValue: double) : void
getChromosomeToReturn() : int
setChromosomeToReturn(chromosomeToReturn: int) : void
Accounting
asset : double
collect(money: double) : void
pay(cash: double) : void
CSManager
go() : Boolean
clearMsgList() : void
CSManager() : void
extractAction() : Boolean
setReward(reward: double) : void
buildMessage() : Boolean
Message
owner : Author
asset : double
Message() : void
RuleMaker
ActionCS
<<Interface>>
Detector
getCondition() : Genome
ActionController
getAction() : void
RuleMaster
matchList : Classifier
msgList : Message
winnerList : Classifier
classifierList : Classifier
go() : void
RuleMaster() : void
<<Interface>>
Effector
getAction() : Genome
<<Interface>>
Author
Cash(money: double) : void
CoverDetector
CoverDetector(classifier: Classifier,msg: Message) : void
fitCondition() : void
Auctioneer
auction() : void
Auctioneer(matchList: void,winnerList: void) : void
Classifier
asset : double
specificity : double
bid : double
accessorsList : Message
Matcher
match() : Boolean
Matcher(matchList: void,msgList: void,classiferList: void) : void
getPoorest() : Classifier
getAlike() : Classifier
Chromosome
fitnessEvaluated : boolean
myAge : int
myBody : Genome[]
myChild : boolean
myFitness : double
myRescaledFitness : double
rescaledFitnessEvaluated : boolean
myLength : int
selectedForDie : boolean
selectedForReproduction : boolean
<<create>> Chromosome()
getAge() : int
getBody() : Genome[]
getChild() : boolean
getFitness() : double
getGenome(position: int)
getMyPopulation()
getSelectedForDie() : boolean
getSelectedForReproduction() : boolean
isFitnessEvaluated() : boolean
print(printGenomeDetails: boolean) : void
setAge(age: int) : void
setBody(body: Genome[]) : void
setChild(child: boolean) : void
setFitness(fitness: double) : void
setFitnessEvaluated(b: boolean) : void
initializeChromosome() : void
setSelectedForDie(option: boolean) : void
setSelectedForReproduction(option: boolean) : void
getRescaledFitness() : double
setRescaledFitnessEvaluated(b: boolean) : void
setRescaledFitness(scaleFactor: double) : void
CoverEffector
CoverEffector(msg: Message) : void
fitAction() : void