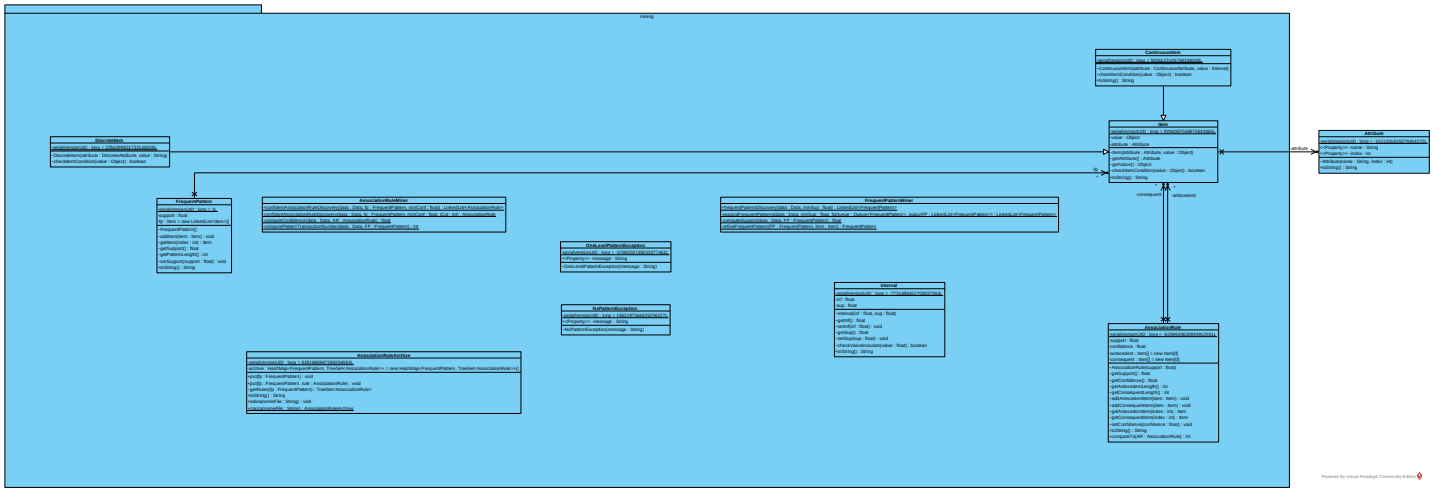
mining
ContinuousItem
serialVersionUID : long = 4280488226253286526L
-ContinuousItem(pAttribute : ContinuousAttribute, value : Interval)
+checkItemCondition(value : Object) : boolean
+toString() : String
DiscreteItem
serialVersionUID : long = 3764284251747-4854L
-DiscreteItem(pAttribute : DiscreteAttribute, value : String)
+checkItemCondition(value : Object) : boolean
Item
serialVersionUID : long = 8589267548872047-5819L
-value : Object
-attribute : Attribute
+Item(pAttribute : Attribute, value : Object)
+getAttribute() : Attribute
+getValue() : Object
+checkItemCondition(value : Object) : boolean
+toString() : String
Attribute
serialVersionUID : long = -4241250253276-4547L
#fPropertyy>> -name : String
#fPropertyy>> -index : int
+Attribute(name : String, index : int)
+toString() : String
attribute
1
*
-consequent
*
-antecedent
FrequentPattern
serialVersionUID : long = 1L
-support : float
-fp : Item = new LinkedList<Item>()
+FrequentPattern()
+addItem(item : Item) : void
+getItem(index : int) : Item
+getSupport() : float
+getPatternLength() : int
+setSupport(support : float) : void
+toString() : String
AssociationRuleMiner
+findAllAssociationRuleDiscovery(data : Data, fp : FrequentPattern, minConf : float, LinkedList<AssociationRule>)
+findAllAssociationRuleDiscovery(data : Data, fp : FrequentPattern, minConf : float, Fcut : int, AssociationRule)
+computeConfidence(data : Data, AR : AssociationRule) : float
+findAllPatternTreeAndAssociationRule(data : Data, FP : FrequentPattern) : int
FrequentPatternMiner
+findFrequentPatternDiscovery(data : Data, minSup : float, LinkedList<FrequentPattern>)
+findAllFrequentPatternsDiscovery(data : Data, minSup : float, fcfunctor : OutputFrequentPattern, outputFP : LinkedList<FrequentPattern>, LinkedList<FrequentPattern>)
+computeSupport(data : Data, FP : FrequentPattern) : float
+isNewFrequentPattern(FP : FrequentPattern, lists : lists, FrequentPattern)
OneLevelPatternException
serialVersionUID : long = -3198485874952027-7861L
#-fPropertyy>> -message : String
+OneLevelPatternException(message : String)
NoPatternException
serialVersionUID : long = 1362187948525278-2171L
#-fPropertyy>> -message : String
+NoPatternException(message : String)
Interval
serialVersionUID : long = -7721-8854527-0001374-8L
-inf : float
-sup : float
+Interval(inf : float, sup : float)
+getInf() : float
+setInf(inf : float) : void
+getSup() : float
+setSup(sup : float) : void
+checkValueIsIn(value : float) : boolean
+toString() : String
AssociationRuleArchive
serialVersionUID : long = 4281488852-2882589L
-archive : HashMap<FrequentPattern, TreeSet<AssociationRule>> = new HashMap<FrequentPattern, TreeSet<AssociationRule>>()
+put(fp : FrequentPattern) : void
+put(fp : FrequentPattern, rule : AssociationRule) : void
+getRules(fp : FrequentPattern) : TreeSet<AssociationRule>
+toString() : String
+saveToFile(file : String) : void
+loadFromFile(file : String) : AssociationRuleArchive
AssociationRule
serialVersionUID : long = -6288509-3009345-2934L
-support : float
-confidence : float
-antecedent : Item[] = new Item[0]
-consequent : Item[] = new Item[0]
+AssociationRule(support : float)
+getSupport() : float
+getConfidence() : float
+getAntecedentLength() : int
+getConsequentLength() : int
+addAntecedentItem(item : Item) : void
+addConsequentItem(item : Item) : void
+getAntecedentItem(index : int) : Item
+getConsequentItem(index : int) : Item
+setConfidence(confidence : float) : void
+toString() : String
+compareTo(AR : AssociationRule) : int
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