

extensibleclustering::dependencies

<<Interface>> dependencies::Parser nterface that a parser will need to implement.

Responsibilities:

parseFile(file: File):

getName(): String - getDescription(): String

Methods:

Centroid[]

getSupportedFileExtensions (): ArrayList<String>

extensibleclustering:: Stores data for a position. Γhis includes the ID, and the components that make up the vector for the position.

Attributes

ID: String Components: Double[]

Responsibilities <constructor>> + Position(ID: String, components: Double[]) + getID(): String

+ getComponents(): Double[] + getDistance(otherPosition: Position):

Double.

+ toString(): String + getDescription(): String

- hashCode(): int + equals(obj: Object):

boolean

Throws

extensibleclustering:: dependencies::

ncomparableComponentsException Exception that is thrown when the components of two positions are of different lengths and cannot be compared.

Methods:

<constructor>> + ncomparabelComponentsException