Class List

Java AbstractCollection

Java AbstractList

Java AbstractMap

Java AbstractQueue

Java AbstractSequentialList

Java AbstractSet

Java ArrayDeque

Java ArrayList

Java ArrayList Util

Java Arrays

Java Base64

Java BitSet

Java Calendar

Java Collection

Java Collection Util

Java Collections

Java Comparator

<u>Java</u>

<u>ConcurrentModificationExcepti</u>

<u>on</u>

Java Currency

Java Date

Java Date Duration

Java Date Parse

Java Date Time

Java Date Week

Java Deque

Java Dictionary

Java DoubleSummaryStatistics

<u>Java</u>

<u>DuplicateFormatFlagsException</u>

Java EmptyStackException

Java Enumeration

Java EnumMap

Java EnumSet

Java EventListener

Java EventObject

Java Formattable

Java FormattableFlags

Java Formatter

Java GregorianCalendar

Java GUID

Java HashMap

Java HashSet

Java Hashtable

Java IdentityHashMap

Java

<u>IllegalFormatConversionException toString() Returns a short description of this throwable.</u>

Java IllegalFormatException

<u>Java</u>

 $\underline{Illegal Format Precision Exceptio}$

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Java List Computes Jaccard coefficient be tween the sets of the keyword-attribute c ombinations

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Computes Jaccard coefficient between the sets of the keyword-attribute combinations contained in the both queries keywords not occurring in the query are bound to a zero-attribute

Return:

0 for dissimilar queries

1 for the highest possible similarity

```
<u>Java</u>
IllegalFormatWidthException
Java InputMismatchException
Java IntSummaryStatistics
Java
<u>InvalidPropertiesFormatExcepti</u>
Java Iterator
Java LinkedHashMap
Java LinkedHashSet
Java LinkedList
Java List
Java List Util
Java ListIterator
Java ListResourceBundle
Java Locale
Java LongSummaryStatistics
Java Map
Java
MissingFormatArgumentExcept
Java MissingResourceException
Java NavigableMap
Java NavigableSet
Java NoSuchElementException
Java Objects
Java Observable
Java Observer
Java Optional
Java OptionalDouble
Java OptionalInt
Java OptionalLong
Java Primitivelterator
Java PriorityQueue
Java Properties
Java PropertyPermission
Java PropertyResourceBundle
Java Queue
Java Random
Java RandomAccess tutorial
with examples
Java ResourceBundle
Java Scanner
Java ServiceConfigurationError
Java ServiceLoader
Java Set
Java SimpleTimeZone
Java SortedMap
Java SortedSet
Java Spliterator
Java Spliterators
Java Stack
Java StringJoiner
Java StringTokenizer
Java Timer
Java TimerTask
Java TimeZone
```

```
Copy
//package com.java2s;
import java.util.HashSet;
import java.util.List;
import java.util.Set;
public class Main {
               w.
    /**/* W W
                       de mo
                                   2s
                                        . с
     * Computes Jaccard coefficient between the sets of the keyword-
attribute
     * combinations contained in the both queries keywords not occurring
in the
     * query are bound to a zero-attribute
     * @return 0 for dissimilar queries
     * @return 1 for the highest possible similarity
    public static double getJaccardSimilarity(List<String> text_a,
List<String> text b) {
        // determine the query with the bigger number of interpretations
       List<String> combi_big = text_a.size() >= text_b.size() ? text_a
: text_b;
       // determine the query with the smaller number of interpretations
       List<String> combi small = text a.size() >= text b.size() ?
text_b : text_a;
        // build intersection
       Set<String> intersection = new HashSet<String>();
       // go through the smaller set of interpretations
        for (String keyword : combi small) {
            // interpretation of the keyword in smaller set
            if (combi big.contains(keyword)) {
                intersection.add(keyword);
            }
        }
        // build disjunction
       Set<String> disjunction = new HashSet<String>();
       disjunction.addAll(combi small);
       disjunction.addAll(combi big);
       // Build an intersection A AND B, compute the size
       // Build a disjunction A ODER B, compute the size
        // JC= (A AND B) / (A ODER B)
       double intersection size = intersection.size();
        double disjunction size = disjunction.size();
       // String s1 = q1.toFullString();
       // String s2 = q2.toFullString();
       double JC = intersection_size / disjunction_size;
```

```
<u>Java</u>
TooManyListenersException
Java TreeMap
Java TreeSet
Java
```

UnknownFormatConversionExc

Java UUID

Java Vector

Java WeakHashMap

```
* System.out.println("query 1: " + q1.toFullString());
         * System.out.println("query 2: " + q2.toFullString());
         * System.out.println("AND Size: " +
intersection.keySet().size());
         * System.out.println("OR Size: " + disjunction.keySet().size());
         * System.out.println("JC: " + JC + "\n");
        return JC;
    }
    public static double getJaccardSimilarity(Set<String> text a,
Set<String> text b) {
       // determine the query with the bigger number of interpretations
       Set<String> combi_big = text_a.size() >= text_b.size() ? text_a :
text_b;
        // determine the query with the smaller number of interpretations
       Set<String> combi_small = text_a.size() >= text_b.size() ? text_b
: text a;
        // build intersection
       Set<String> intersection = new HashSet<String>();
       // go through the smaller set of interpretations
       for (String keyword : combi_small) {
            // interpretation of the keyword in smaller set
            if (combi big.contains(keyword)) {
                intersection.add(keyword);
            }
        }
       // build disjunction
       Set<String> disjunction = new HashSet<String>();
       disjunction.addAll(combi small);
       disjunction.addAll(combi_big);
       // Build an intersection A AND B, compute the size
       // Build a disjunction A ODER B, compute the size
       // JC= (A AND B) / (A ODER B)
       double intersection size = intersection.size();
       double disjunction_size = disjunction.size();
       // String s1 = q1.toFullString();
        // String s2 = q2.toFullString();
       double JC = intersection_size / disjunction_size;
         * System.out.println("query 1: " + q1.toFullString());
         * System.out.println("query 2: " + q2.toFullString());
         * System.out.println("AND Size: " +
intersection.keySet().size());
         * System.out.println("OR Size: " + disjunction.keySet().size());
         * System.out.println("JC: " + JC + "\n");
```

```
*/
return JC;
}
```

Previous

Next

Related

- Java List write a list of lines to a byte[] as UTF-8 encoded chars
- Java List Checks whether a given list of strings consists of integers.
- Java List closest(int of, List < Integer > in)
- Java List Computes Jaccard coefficient between the sets of the keyword-attribute combinations
- <u>Java List Converts a list of strings into a long string separated by glue.</u>
- Java List Create a string formulated by inserting a delimiter in between consecutive array elements.
- Java List Creates a comma-separated string from a list of strings.

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