Package Class **Use** **Tree** **Deprecated** **Index** **Help**

PREV CLASS **NEXT CLASS**   **FRAMES** **NO FRAMES** **All Classes**
SUMMARY: NESTED | FIELD | [CONSTR](#) | [METHOD](#)   DETAIL: FIELD | [CONSTR](#) | [METHOD](#)

softComputing
Class Main

```
java.lang.Object
   └─softComputing.Main
```

public class **Main**
extends java.lang.Object

Constructor Summary

Main()

Method Summary

static void	**chunkingSentences**() Chunking sentences
static void	**compile**() Most of the tasks is done in this method.
static void	**deductFeatures**(java.lang.String methodName) Deduct features extracted by featurized method
static java.util.List	**deserializableFromFile**(java.lang.String filename) Perform deserialization of opinion words
static void	**featureExtraction**() Feature extraction method
static java.util.List	**featurized**(java.lang.String line) This method featurizes documents
static void	**loadCommonWords**() Load Stop words
static void	**posTags**() Part of Speech tagging
static void	**printArrayList**(java.util.List list, java.lang.String message) Print ArrayList
static void	**printHashMap**(java.util.Map m, int index) Print Hashmap
static java.lang.String	**removePunctuations**(java.lang.String sentence)

	Remove punctuation marks from documents
java.lang.String	**removeStopWords**(java.lang.String sentence) Remove stop words
static void	**serializableToFile**(java.util.List o, java.lang.String filename) Perform serialization of opinion words
static java.lang.String	**stemming**(java.lang.String word) Perform stemming
void	**writeLODL**() Build LODL file for each document
static void	**writeToFile**(java.lang.String filename, java.util.List<java.lang.String> list) Write a list to a file
static void	**writeToFileHashMap**(java.lang.String filename, java.util.Map m) Write File to HashMap

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

Main

public **Main**()

Method Detail

loadCommonWords

public static void **loadCommonWords**()

Load Stop words

---

featurized

public static java.util.List **featurized**(java.lang.String line)

This method featurizes documents

Parameters:
line -
Returns:

---

compile

```
public static void compile()
                   throws java.io.IOException
```

Most of the tasks is done in this method. Compile the annotated text LORD is also built in this method

Parameters:
    `args` -
Throws:
    `java.io.IOException`

---

chunkingSentences

```
public static void chunkingSentences()
```

Chunking sentences

---

posTags

```
public static void posTags()
```

Part of Speech tagging

---

featureExtraction

```
public static void featureExtraction()
```

Feature extraction method

---

printArrayList

```
public static void printArrayList(java.util.List list,
                                  java.lang.String message)
```

Print ArrayList

Parameters:
    `list` -
    `message` -

---

writeToFile

```
public static void writeToFile(java.lang.String filename,
                               java.util.List<java.lang.String> list)
```

Write a list to a file

Parameters:
```
filename -
list -
```

---

stemming

```
public static java.lang.String stemming(java.lang.String word)
```

Perform stemming

Parameters:
```
word -
```
Returns:

---

removePunctuations

```
public static java.lang.String removePunctuations(java.lang.String sentence)
```

Remove punctuation marks from documents

Parameters:
```
sentence -
```
Returns:

---

removeStopWords

```
public java.lang.String removeStopWords(java.lang.String sentence)
```

Remove stop words

Parameters:
```
sentence -
```
Returns:

---

deductFeatures

```
public static void deductFeatures(java.lang.String methodName)
```

Deduct features extracted by featurized method

Parameters:
```
methodName -
```

---

writeToFileHashMap

```
public static void writeToFileHashMap(java.lang.String filename,
```

```
                                  java.util.Map m)
```

Write File to HashMap

Parameters:
    `filename` -
    `m` -

---

printHashMap

```
public static void printHashMap(java.util.Map m,
                                int index)
```

Print Hashmap

Parameters:
    `m` -
    `index` -

---

serializableToFile

```
public static void serializableToFile(java.util.List o,
                                       java.lang.String filename)
```

Perform serialization of opinion words

Parameters:
    `o` -
    `filename` -

---

deserializableFromFile

```
public static java.util.List deserializableFromFile(java.lang.String filename)
```

Perform deserialization of opinion words

Parameters:
    `filename` -
Returns:

---

writeLODL

```
public void writeLODL()
```

Build LODL file for each document