

Introduction

Analyzer class is responsible to analyze a document and get the tokens/words from the text which is to be indexed. Without analysis done, IndexWriter can not create index.

Class declaration

Following is the declaration for **org.apache.lucene.analysis.Analyzer** class:

```
public abstract class Analyzer
  extends Object
  implements Closeable
```

Class constructors

S.N. Constructor & Description

1 **protected Analyzer**

Class methods

S.N. Method & Description

1 **void close**

Frees persistent resources used by this Analyzer

2 **int getOffsetGapFieldablefield**

Just like getPositionIncrementGap*java.lang.String*, except for Token offsets instead.

3 **int getPositionIncrementGapStringfieldName**

Invoked before indexing a Fieldable instance if terms have already been added to that field.

4 **protected Object getPreviousTokenStream**

Used by Analyzers that implement reusableTokenStream to retrieve previously saved TokenStreams for re-use by the same thread.

5 **TokenStream reusableTokenStreamStringfieldName, Readerreader**

Creates a TokenStream that is allowed to be re-used from the previous time that the same thread called this method.

6

protected void setPreviousTokenStreamObject(*obj*)

Used by Analyzers that implement reusableTokenStream to save a TokenStream for later re-use by the same thread.

7

abstract TokenStream tokenStream(*String fieldName, Reader reader*)

Creates a TokenStream which tokenizes all the text in the provided Reader.

Methods inherited

This class inherits methods from the following classes:

• [java.lang.Object](#)

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