Class ReadFromDisk

java.lang.Object
    ReadFromDisk

```
public class ReadFromDisk
extends java.lang.Object
```

Field Summary

Fields

Modifier and Type	Field	Description
(package private) long	**buffLength**	
(package private) java.lang.String	**compressedIndex**	
(package private) java.lang.String	**compressedLookup**	
(package private) java.lang.String	**destination**	
(package private) long	**offset**	
(package private) java.lang.String	**uncompressedIndex**	
(package private) java.lang.String	**uncompressedLookup**	

Constructor Summary

Constructors

Constructor	Description
ReadFromDisk()	

Method Summary

All Methods   Instance Methods   Concrete Methods

Modifier and Type	Method	Description
private int	**fromByteArray**(byte[] bytes)	
java.util.Map<java.lang.String, PostingList>	**readCompressedIndexFromDisk** (java.lang.String[] queryTerms, java.util.Map<java.lang.String, TermLookupEntry> lookupTable)	

Modifier and Type	Method	Description
java.util.Map<java.lang.Integer, java.lang.String>	**readDocIdMappingFromDisk** (java.lang.String filename)	
java.util.Map<java.lang.Integer, java.lang.Integer>	**readDocLengthsFromDisk**()	
java.util.Map<java.lang.String, TermLookupEntry>	**readLookupFromDisk** (boolean compressionRequired)	
java.util.Map<java.lang.String, PostingList>	**readUncompressedIndexFromDisk** (java.lang.String[] queryTerms, java.util.Map<java.lang.String, TermLookupEntry> lookupTable)	

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Details

compressedIndex

java.lang.String compressedIndex

uncompressedIndex

java.lang.String uncompressedIndex

compressedLookup

java.lang.String compressedLookup

uncompressedLookup

java.lang.String uncompressedLookup

destination

java.lang.String destination

offset

```
long offset
```

buffLength

```
long buffLength
```

Constructor Details

ReadFromDisk

```
public ReadFromDisk()
```

Method Details

readUncompressedIndexFromDisk

```
public java.util.Map<java.lang.String,
PostingList> readUncompressedIndexFromDisk(
java.lang.String[] queryTerms,
java.util.Map<java.lang.String,TermLookupEntry> lookupTable)

throws java.io.IOException
```

Throws:

```
java.io.IOException
```

readCompressedIndexFromDisk

```
public java.util.Map<java.lang.String,PostingList> readCompressedIndexFromDisk
(java.lang.String[] queryTerms,
 java.util.Map<java.lang.String,TermLookupEntry> lookupTable)
                                                                          throws
java.io.IOException
```

Throws:

```
java.io.IOException
```

readLookupFromDisk

```
public java.util.Map<java.lang.String,TermLookupEntry> readLookupFromDisk(
boolean compressionRequired)
                                                                                                              throws
java.io.IOException
```

Throws:

```
java.io.IOException
```

readDocLengthsFromDisk

```
public java.util.Map<java.lang.Integer,
java.lang.Integer> readDocLengthsFromDisk()

throws java.io.IOException
```

Throws:

```
java.io.IOException
```

readDocIdMappingFromDisk

```
public java.util.Map<java.lang.Integer,
java.lang.String> readDocIdMappingFromDisk(java.lang.String filename)

throws java.io.IOException
```

Throws:

```
java.io.IOException
```

fromByteArray

```
private int fromByteArray(byte[] bytes)
```