

Introduction

Query is an abstract class and contains various utility methods and is the parent of all types of queries that lucene uses during search process.

Class declaration

Following is the declaration for **org.apache.lucene.search.Query** class:

```
public abstract class Query
    extends Object
    implements Serializable, Cloneable
```

Class constructors

S.N. Constructor & Description

- 1 **Query**

Class methods

S.N. Method & Description

- 1 **Object clone**
Returns a clone of this query.
- 2 **Query combineQuery[]queries**
Expert: called when re-writing queries under MultiSearcher.
- 3 **Weight createWeightSearchersearcher**
Expert: Constructs an appropriate Weight implementation for this query.
- 4 **boolean equalsObjectobj**
- 5 **void extractTermsSet < Term > terms**
Expert: adds all terms occurring in this query to the terms set.
- 6 **float getBoost**
Gets the boost for this clause.

7

Similarity **getSimilarity***Searchersearcher*

Deprecated. Instead of using "runtime" subclassing/delegation, subclass the Weight instead.

8

int hashCode

9

static Query mergeBooleanQueries*BooleanQuery... queries*

Expert: merges the clauses of a set of BooleanQuery's into a single BooleanQuery.

10

Query rewrite*IndexReaderreader*

Expert: called to re-write queries into primitive queries.

11

void setBoost*floatb*

Sets the boost for this query clause to b.

12

String toString

Prints a query to a string.

13

abstract String toString*Stringfield*

Prints a query to a string, with field assumed to be the default field and omitted.

14

Weight weight*Searchersearcher*

Deprecated. never ever use this method in Weight implementations. Subclasses of Query should use `createWeight`org. apache. lucene. search. Searcher, instead.

Methods inherited

This class inherits methods from the following classes:

- java.lang.Object

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