| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NClob.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/sql/DriverPropertyInfo.html)   [**NEXT CLASS**](http://docs.google.com/java/sql/ParameterMetaData.html) | [**FRAMES**](http://docs.google.com/index.html?java/sql/NClob.html)    [**NO FRAMES**](http://docs.google.com/NClob.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | METHOD | DETAIL: FIELD | CONSTR | METHOD |

## **java.sql**

Interface NClob

**All Superinterfaces:** [Clob](http://docs.google.com/java/sql/Clob.html)

public interface **NClob**extends [Clob](http://docs.google.com/java/sql/Clob.html)

The mapping in the JavaTM programming language for the SQL NCLOB type. An SQL NCLOB is a built-in type that stores a Character Large Object using the National Character Set as a column value in a row of a database table.

The NClob interface extends the Clob interface which provides provides methods for getting the length of an SQL NCLOB value, for materializing a NCLOB value on the client, and for searching for a substring or NCLOB object within a NCLOB value. A NClob object, just like a Clob object, is valid for the duration of the transaction in which it was created. Methods in the interfaces [ResultSet](http://docs.google.com/java/sql/ResultSet.html), [CallableStatement](http://docs.google.com/java/sql/CallableStatement.html), and [PreparedStatement](http://docs.google.com/java/sql/PreparedStatement.html), such as getNClob and setNClob allow a programmer to access an SQL NCLOB value. In addition, this interface has methods for updating a NCLOB value.

All methods on the NClob interface must be fully implemented if the JDBC driver supports the data type.

**Since:** 1.6

| **Method Summary** | |
| --- | --- |

| **Methods inherited from interface java.sql.**[**Clob**](http://docs.google.com/java/sql/Clob.html) |
| --- |
| [free](http://docs.google.com/java/sql/Clob.html#free()), [getAsciiStream](http://docs.google.com/java/sql/Clob.html#getAsciiStream()), [getCharacterStream](http://docs.google.com/java/sql/Clob.html#getCharacterStream()), [getCharacterStream](http://docs.google.com/java/sql/Clob.html#getCharacterStream(long,%20long)), [getSubString](http://docs.google.com/java/sql/Clob.html#getSubString(long,%20int)), [length](http://docs.google.com/java/sql/Clob.html#length()), [position](http://docs.google.com/java/sql/Clob.html#position(java.sql.Clob,%20long)), [position](http://docs.google.com/java/sql/Clob.html#position(java.lang.String,%20long)), [setAsciiStream](http://docs.google.com/java/sql/Clob.html#setAsciiStream(long)), [setCharacterStream](http://docs.google.com/java/sql/Clob.html#setCharacterStream(long)), [setString](http://docs.google.com/java/sql/Clob.html#setString(long,%20java.lang.String)), [setString](http://docs.google.com/java/sql/Clob.html#setString(long,%20java.lang.String,%20int,%20int)), [truncate](http://docs.google.com/java/sql/Clob.html#truncate(long)) |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/NClob.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/java/sql/DriverPropertyInfo.html)   [**NEXT CLASS**](http://docs.google.com/java/sql/ParameterMetaData.html) | [**FRAMES**](http://docs.google.com/index.html?java/sql/NClob.html)    [**NO FRAMES**](http://docs.google.com/NClob.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | METHOD | DETAIL: FIELD | CONSTR | METHOD |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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