| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SerialJavaObject.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/javax/sql/rowset/serial/SerialException.html)   [**NEXT CLASS**](http://docs.google.com/javax/sql/rowset/serial/SerialRef.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sql/rowset/serial/SerialJavaObject.html)    [**NO FRAMES**](http://docs.google.com/SerialJavaObject.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | [CONSTR](#3znysh7) | [METHOD](#2et92p0) | DETAIL: FIELD | [CONSTR](#3dy6vkm) | [METHOD](#4d34og8) |

## **javax.sql.rowset.serial**

Class SerialJavaObject

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 **javax.sql.rowset.serial.SerialJavaObject**

**All Implemented Interfaces:** [Serializable](http://docs.google.com/java/io/Serializable.html), [Cloneable](http://docs.google.com/java/lang/Cloneable.html)

public class **SerialJavaObject**extends [Object](http://docs.google.com/java/lang/Object.html)implements [Serializable](http://docs.google.com/java/io/Serializable.html), [Cloneable](http://docs.google.com/java/lang/Cloneable.html)

A serializable mapping in the Java programming language of an SQL JAVA\_OBJECT value. Assuming the Java object implements the Serializable interface, this class simply wraps the serialization process.

If however, the serialization is not possible because the Java object is not immediately serializable, this class will attempt to serialize all non-static members to permit the object state to be serialized. Static or transient fields cannot be serialized; an attempt to serialize them will result in a SerialException object being thrown.

**See Also:**[Serialized Form](http://docs.google.com/serialized-form.html#javax.sql.rowset.serial.SerialJavaObject)

| **Constructor Summary** | |
| --- | --- |
| [**SerialJavaObject**](http://docs.google.com/javax/sql/rowset/serial/SerialJavaObject.html#SerialJavaObject(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) obj)            Constructor for SerialJavaObject helper class. |

| **Method Summary** | |
| --- | --- |
| [Field](http://docs.google.com/java/lang/reflect/Field.html)[] | [**getFields**](http://docs.google.com/javax/sql/rowset/serial/SerialJavaObject.html#getFields())()            Returns an array of Field objects that contains each field of the object that this helper class is serializing. |
| [Object](http://docs.google.com/java/lang/Object.html) | [**getObject**](http://docs.google.com/javax/sql/rowset/serial/SerialJavaObject.html#getObject())()            Returns an Object that is a copy of this SerialJavaObject object. |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### SerialJavaObject

public **SerialJavaObject**([Object](http://docs.google.com/java/lang/Object.html) obj)  
 throws [SerialException](http://docs.google.com/javax/sql/rowset/serial/SerialException.html)

Constructor for SerialJavaObject helper class.

**Parameters:**obj - the Java Object to be serialized **Throws:** [SerialException](http://docs.google.com/javax/sql/rowset/serial/SerialException.html) - if the object is found to be unserializable

| **Method Detail** |
| --- |

### getObject

public [Object](http://docs.google.com/java/lang/Object.html) **getObject**()  
 throws [SerialException](http://docs.google.com/javax/sql/rowset/serial/SerialException.html)

Returns an Object that is a copy of this SerialJavaObject object.

**Returns:**a copy of this SerialJavaObject object as an Object in the Java programming language **Throws:** [SerialException](http://docs.google.com/javax/sql/rowset/serial/SerialException.html) - if the instance is corrupt

### getFields

public [Field](http://docs.google.com/java/lang/reflect/Field.html)[] **getFields**()  
 throws [SerialException](http://docs.google.com/javax/sql/rowset/serial/SerialException.html)

Returns an array of Field objects that contains each field of the object that this helper class is serializing.

**Returns:**an array of Field objects **Throws:** [SerialException](http://docs.google.com/javax/sql/rowset/serial/SerialException.html) - if an error is encountered accessing the serialized object

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/SerialJavaObject.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/javax/sql/rowset/serial/SerialException.html)   [**NEXT CLASS**](http://docs.google.com/javax/sql/rowset/serial/SerialRef.html) | [**FRAMES**](http://docs.google.com/index.html?javax/sql/rowset/serial/SerialJavaObject.html)    [**NO FRAMES**](http://docs.google.com/SerialJavaObject.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
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[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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