

JAVA.IO.OBJECTSTREAMFIELD CLASS

http://www.tutorialspoint.com/java/io/java_io_objectstreamfield.htm

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Introduction

The **Java.io.ObjectStreamField** class is a description of a Serializable field from a Serializable class. An array of ObjectStreamFields is used to declare the Serializable fields of a class.

Class declaration

Following is the declaration for **Java.io.ObjectStreamField** class:

```
public class ObjectStreamField
    extends Object
    implements Comparable<Object>
```

Class constructors

S.N. Constructor & Description

- ObjectStreamFieldStringname, Class < ? > type**
This creates a Serializable field with the specified type.
- ObjectStreamFieldStringname, Class < ? > type, booleanunshared**
This creates an ObjectStreamField representing a serializable field with the given name and type.

Class methods

S.N. Method & Description

- [int compareToObjectobj](#)
This method compares this field with another ObjectStreamField.
- [String getName](#)
This method gets the name of this field.
- [int getOffset](#)
This method returns the offset of field within instance data.
- [Class<?> getType](#)
This method gets the type of the field.

5

[char getTypeCode](#)

This method returns character encoding of field type.

6

[String getTypeString](#)

This method returns the JVM type signature.

7

[boolean isPrimitive](#)

This method returns true if this field has a primitive type.

8

[boolean isUnshared](#)

This method returns boolean value indicating whether or not the serializable field represented by this ObjectOutputStream instance is unshared.

9

[protected void setOffsetintooffset](#)

This method returns offset within instance data.

10

[String toString](#)

This method returns a string that describes this field.

Methods inherited

This class inherits methods from the following classes:

• [java.io.Object](#)

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