

JAVA.IO.OBJECTSTREAMFIELD.GETTYPE METHOD

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

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Description

The **java.io.ObjectStreamField.getType** method gets the type of the field. If the type is non-primitive and this ObjectStreamField was obtained from a deserialized ObjectStreamClass instance, then Object.class is returned. Otherwise, the Class object for the type of the field is returned.

Declaration

Following is the declaration for **java.io.ObjectStreamField.getType** method.

```
public Class<?> getType()
```

Parameters

- NA

Return Value

This method returns a Class object representing the type of the serializable field.

Exception

- NA

Example

The following example shows the usage of **java.io.ObjectStreamField.getType** method.

```
package com.tutorialspoint;

import java.io.*;
import java.util.Calendar;

public class ObjectStreamFieldDemo {

    public static void main(String[] args) {

        // create a new object stream class for Integers
        ObjectStreamClass osc = ObjectStreamClass.lookup(Integer.class);

        // get the field value from Integer class
        ObjectStreamField field = osc.getField("value");

        // get the type of the field
        System.out.println(" " + field.getType());

        // create a new object stream class for calendar
        ObjectStreamClass osc2 = ObjectStreamClass.lookup(Calendar.class);

        // get the field value from Calendar class
        ObjectStreamField field2 = osc2.getField("lenient");

        // get the type of the field2
        System.out.println(" " + field2.getType());

    }
}
```

Let us compile and run the above program, this will produce the following result:

int
boolean

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