

JAVA.LANG.INTEGER.VALUEOF METHOD

http://www.tutorialspoint.com/java/lang/integer_valueof_string_radix.htm

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Description

The **java.lang.Integer.valueOf** method returns an Integer object holding the value extracted from the specified String **s** when parsed with the radix given by the second argument **radix**.

Declaration

Following is the declaration for **java.lang.Integer.valueOf** method

```
public static Integer valueOf(String s, int radix) throws NumberFormatException
```

Parameters

- **s** -- This is the string to be parsed.
- **radix** -- This is the radix to be used in interpreting s.

Return Value

This method returns an Integer object holding the value represented by the string argument in the specified radix.

Exception

- **NumberFormatException** -- if the String does not contain a parsable int.

Example

The following example shows the usage of java.lang.Integer.valueOf method.

```
package com.tutorialspoint;

import java.lang.*;

public class IntegerDemo {

    public static void main(String[] args) {

        Integer i = new Integer(30);

        String str = "50";
        /* returns a Integer instance representing the specified
        string with radix 10 */
        System.out.println("Value = " + i.valueOf(str, 10));
    }
}
```

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

```
Value = 50
```

```
Loading [MathJax]/jax/output/HTML-CSS/jax.js
```