

JAVA.LANG.BYTE.VALUEOF METHOD

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

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Description

The **java.lang.Byte.valueOfStrings, intradix** returns a Byte object holding the value extracted from the specified String when parsed with the radix given by the second argument.

The first argument is interpreted as representing a signed byte in the radix specified by the second argument, exactly as if the argument were given to the `parseBytejava.lang.String, int` method. The result is a Byte object that represents the byte value specified by the string.

Declaration

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

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

Parameters

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

Return Value

This method returns a Byte object holding the value represented by the string argument in the specified radix.

Exception

- **NumberFormatException** - If the String does not contain a parsable byte.

Example

The following example shows the usage of lang.Byte.valueOf method.

```
package com.tutorialspoint;

import java.lang.*;

public class ByteDemo {

    public static void main(String[] args) {

        // create a String s and assign value to it
        String s = "-1010";

        // create a Byte object b
        Byte b;

        /**
         * static method is called using class name.
         * assign Byte instance value of s to b using radix as 2
         * radix 2 represents binary
         */
        b = Byte.valueOf(s, 2);

        String str = "Byte value of string " + s + " using radix 2 is " + b;

        // print b value
        System.out.println( str );
    }
}
```

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

```
Byte value of string -1010 using radix 2 is -10
```

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