

JAVA.LANG.LONG.PARSELONG METHOD

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

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Description

The **java.lang.Long.parseLong** *Strings, intradix* method parses the string argument **s** as a signed long in the radix specified by the second argument **radix**. Some examples can be seen here:

```
parseLong("0", 10) returns 0L
parseLong("11", 10) returns 11L
parseLong("-0", 10) returns 0L
parseLong("-BB", 16) returns -187L
parseLong("1010110", 2) returns 86L
parseLong("ADMIN", 27) returns 5586836L
parseLong("99", 8) throws a NumberFormatException
```

Declaration

Following is the declaration for **java.lang.Long.parseLong** method

```
public static long parseLong(String s, int radix) throws NumberFormatException
```

Parameters

- **s** -- This is a String containing the long representation to be parsed.
- **radix** -- This is the radix to be used while parsing s.

Return Value

This method returns the long represented by the string argument in the specified radix.

Exception

- **NumberFormatException** -- if the string does not contain a parsable long.

Example

The following example shows the usage of java.lang.Long.parseLong method.

```
package com.tutorialspoint;

import java.lang.*;

public class LongDemo {

    public static void main(String[] args) {

        // parses the string with specified radix
        long a = Long.parseLong("0", 10);
        System.out.println(a);

        long b = Long.parseLong("111", 10);
        System.out.println(b);

        long c = Long.parseLong("-0", 10);
        System.out.println(c);

        long d = Long.parseLong("-BB", 16);
        System.out.println(d);

        long e = Long.parseLong("1010110", 2);
        System.out.println(e);
    }
}
```

```
long f = Long.parseLong("2147483647", 10);
System.out.println(f);

long g = Long.parseLong("-2147483648", 10);
System.out.println(g);

long h = Long.parseLong("ADMIN", 27);
System.out.println(h);
}
```

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

```
0
111
0
-187
86
2147483647
-2147483648
5586836
```

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