

JAVA.UTIL.SCANNER.NEXTLONG METHOD

http://www.tutorialspoint.com/java/util/scanner_nextlong_radix.htm

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Description

The **java.util.Scanner.nextLong(*intradix*)** method scans the next token of the input as a long. This method will throw **InputMismatchException** if the next token cannot be translated into a valid long value as described below. If the translation is successful, the scanner advances past the input that matched.

Declaration

Following is the declaration for **java.util.Scanner.nextLong** method

```
public long nextLong(int radix)
```

Parameters

- **radix** -- the radix used to interpret the token as an int value

Return Value

This method returns the long scanned from the input

Exception

- **InputMismatchException** -- if the next token does not match the Integer regular expression, or is out of range
- **NoSuchElementException** -- if input is exhausted
- **IllegalStateException** -- if this scanner is closed

Example

The following example shows the usage of `java.util.Scanner.nextLong` method.

```
package com.tutorialspoint;

import java.util.*;

public class ScannerDemo {

    public static void main(String[] args) {

        String s = "Hello World! 3 + 3.0 = 6.0 true ";
        Long l = 139645998741;
        s = s + l;

        // create a new scanner with the specified String Object
        Scanner scanner = new Scanner(s);

        // find the next long token and print it
        // loop for the whole scanner
        while (scanner.hasNext()) {

            // if no long is found, print "Not Found:" and the token
            System.out.println("Not Found :" + scanner.next());

            // if the next is a long, print found and the long with radix 20
            if (scanner.hasNextLong()) {
                System.out.println("Found :" + scanner.nextLong(20));
            }
        }
    }
}
```

```
}

// close the scanner
scanner.close();
}

}
```

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

```
Not Found :Hello
Not Found :World!
Found :3
Not Found :+
Not Found :3.0
Not Found :=
Not Found :6.0
Not Found :true
Found :12014353515344
```

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