

JAVA.UTIL.SCANNER.HASNEXT METHOD

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

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Description

The **java.util.Scanner.hasNextStringpattern** method returns true if the next token matches the pattern constructed from the specified string. The scanner does not advance past any input. An invocation of this method of the form `hasNextpattern` behaves in exactly the same way as the invocation `hasNextPattern.compile(pattern)`.

Declaration

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

```
public boolean hasNext(String pattern)
```

Parameters

- **pattern** -- a string specifying the pattern to scan

Return Value

This method returns true if and only if this scanner has another token matching the specified pattern

Exception

- **IllegalStateException** -- if this scanner is closed

Example

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

```
package com.tutorialspoint;

import java.util.*;
import java.util.regex.Pattern;

public class ScannerDemo {

    public static void main(String[] args) {

        String s = "Hello World! 3+3.0=6";

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

        // check if the scanner's next token matches "World"
        System.out.println("'" + scanner.hasNext("World"));

        // check if the scanner's next token matches "Hello"
        System.out.println("'" + scanner.hasNext("Hello"));

        // print the rest of the string
        System.out.println("'" + scanner.nextLine());

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

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

false

true

Hello World! $3+3.0=6$

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