

JAVA.LANG.STRING.INTERN METHOD

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

Copyright © tutorialspoint.com

Description

The **java.lang.String.intern** method returns a canonical representation for the string object. A pool of strings, initially empty, is maintained privately by the class String.

For any two strings *s* and *t*, **s.intern == t.intern** is true if and only if **s.equals(t)** is true.

All literal strings and string-valued constant expressions are interned.

Declaration

Following is the declaration for **java.lang.String.intern** method

```
public String intern()
```

Parameters

- NA

Return Value

This method returns a string that has the same contents as this string, but is guaranteed to be from a pool of unique strings.

Exception

- NA

Example

The following example shows the usage of java.lang.String.intern method.

```
package com.tutorialspoint;

import java.lang.*;

public class StringDemo {

    public static void main(String[] args) {

        String str1 = "This is Tutorialspoint";

        // returns canonical representation for the string object
        String str2 = str1.intern();

        // prints the string str2
        System.out.println(str2);

        // check if str1 and str2 are equal or not
        System.out.println("Is str1 equal to str2 ? = " + (str1 == str2));
    }
}
```

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

```
This is Tutorialspoint
Is str1 equal to str2 ? = true
```

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js