

JAVA.LANG.THREADLOCAL.INITIALVALUE METHOD

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

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Description

The **java.lang.ThreadLocal.initialValue** method returns the current thread's **initial value** for this thread-local variable.

Declaration

Following is the declaration for **java.lang.ThreadLocal.initialValue** method

```
protected T initialValue()
```

Parameters

- NA

Return Value

This method returns the initial value for this thread-local.

Exception

- NA

Example

The following example shows the usage of java.lang.ThreadLocal.initialValue method.

```
package com.tutorialspoint;

import java.lang.*;

public class ThreadLocalDemo {

    public static void main (String [] args) {

        newThread t1 = new newThread("R");
        newThread t2 = new newThread("S");

        // this will call run() method
        t1.start();
        t2.start();
    }
}

class newThread extends Thread
{
    private static ThreadLocal t =
        new ThreadLocal()
        {
            protected Object initialValue() {
                return new Integer(n--);
            }
        };

    private static int n = 10;
    newThread(String name) {
        super(name);
    }

    public void run() {
        for(int i = 0; i < 2; i++)
```

```
        System.out.println (getName() + " " + t.get());  
    }  
}
```

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

```
R 10  
R 10  
S 9  
S 9
```

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