

JAVA.LANG.SYSTEM.GETPROPERTY METHOD

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

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Description

The **java.lang.System.getProperty***String***key** method gets the system property indicated by the specified **key**.

Declaration

Following is the declaration for **java.lang.System.getProperty** method

```
public static String getProperty(String key)
```

Parameters

- **key** -- This is the name of the system property.

Return Value

This method returns the string value of the system property, or null if there is no property with that key.

Exception

- **SecurityException** -- if a security manager exists and its checkPropertyAccess method doesn't allow access to the specified system property.
- **NullPointerException** -- if key is null.
- **IllegalArgumentException** -- if key is empty.

Example

The following example shows the usage of java.lang.System.getProperty method.

```
package com.tutorialspoint;

import java.lang.*;

public class SystemDemo {

    public static void main(String[] args) {

        // prints the name of the system property
        System.out.println(System.getProperty("user.dir"));

        // prints the name of the Operating System
        System.out.println(System.getProperty("os.name"));

        // prints Java Runtime Version
        System.out.println(System.getProperty("java.runtime.version" ));

    }
}
```

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

```
C:\Program Files\Java\jdk1.6.0_06\bin
Windows XP
1.6.0_06-b02
```

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