

JAVA.LANG.RUNTIME.GETRUNTIME METHOD

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

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Description

The **java.lang.Runtime.getRuntime** method returns the runtime object associated with the current Java application. Most of the methods of class Runtime are instance methods and must be invoked with respect to the current runtime object.

Declaration

Following is the declaration for **java.lang.Runtime.getRuntime** method

```
public static Runtime getRuntime()
```

Parameters

- NA

Return Value

This method returns the Runtime object associated with the current Java application.

Exception

- NA

Example

The following example shows the usage of lang.Runtime.getRuntime method.

```
package com.tutorialspoint;

public class RuntimeDemo {

    public static void main(String[] args) {

        // print when the program starts
        System.out.println("Program starting...");

        // get the current runtime associated with this process
        Runtime run = Runtime.getRuntime();

        // print the current free memory for this runtime
        System.out.println("" + run.freeMemory());
    }
}
```

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

```
Program starting...
62780856
```

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