

JAVA.LANG.RUNTIME.FREEMEMORY METHOD

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

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Description

The **java.lang.Runtime.freeMemory** method returns the amount of free memory in the Java Virtual Machine. Calling the gc method may result in increasing the value returned by freeMemory.

Declaration

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

```
public long freeMemory()
```

Parameters

- NA

Return Value

This method returns an approximation to the total amount of memory currently available for future allocated objects, measured in bytes.

Exception

- NA

Example

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

```
package com.tutorialspoint;

public class RuntimeDemo {

    public static void main(String[] args) {

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

        // print the number of free bytes
        System.out.println("" + Runtime.getRuntime().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
```