

JAVA.LANG.RUNTIME.MAXMEMORY METHOD

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

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Description

The **java.lang.Runtime.maxMemory** method returns the maximum amount of memory that the Java virtual machine will attempt to use. If there is no inherent limit then the value `Long.MAX_VALUE` will be returned.

Declaration

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

```
public long maxMemory()
```

Parameters

- NA

Return Value

This method returns the maximum amount of memory that the virtual machine will attempt to use, measured in bytes

Exception

- NA

Example

The following example shows the usage of `lang.Runtime.maxMemory` 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 maximum memory
        System.out.println("'" + Runtime.getRuntime().maxMemory());

    }
}
```

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

```
Program starting...
935854080
```

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