

JAVA.UTIL.ENUMSET.ALLOF METHOD

http://www.tutorialspoint.com/java/util/enumset_allof.htm

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Description

The **java.util.EnumSet.allOf***Class* *< E > elementType* method creates an enum set containing all of the elements in the specified element type.

Declaration

Following is the declaration for **java.util.EnumSet.allOf** method

```
public static <E extends Enum<E>> EnumSet<E> allOf(Class<E> elementType)
```

Parameters

- **elementType** -- the class object of the element type for this enum set

Return Value

This method does not return a value.

Exception

- **NullPointerException** -- if elementType is null

Example

The following example shows the usage of java.util.EnumSet.allOf method.

```
package com.tutorialspoint;

import java.util.*;

public class EnumSetDemo {

    // create an enum
    public enum Numbers {

        ONE, TWO, THREE, FOUR, FIVE
    };

    public static void main(String[] args) {

        // create an empty EnumSet
        EnumSet<Numbers> set = null;

        // print the set
        System.out.println(set);

        // create the set by getting all elements from Numbers
        set = EnumSet.allOf(Numbers.class);

        // print the updated set
        System.out.println("Updated set:" + set);

    }
}
```

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

```
null
Updated set:[ONE, TWO, THREE, FOUR, FIVE]
```

