

JAVA.LANG.CHARACTER.ISDEFINED METHOD

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

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Description

The **java.lang.Character.isDefined** *intcodePoint* determines if a character *Unicodecodepoint* is defined in Unicode.

A character is defined if at least one of the following is true:

- It has an entry in the UnicodeData file.
- It has a value in a range defined by the UnicodeData file.

Declaration

Following is the declaration for **java.lang.Character.isDefined** method

```
public static boolean isDefined(int codePoint)
```

Parameters

- **codePoint** - the character *Unicodecodepoint* to be tested

Return Value

This method returns true if the character has a defined meaning in Unicode, false otherwise.

Exception

- NA

Example

The following example shows the usage of lang.Character.isDefined method.

```
package com.tutorialspoint;

import java.lang.*;

public class CharacterDemo {

    public static void main(String[] args) {

        // create a int primitive cp
        int cp;

        // assign values to cp
        cp = 0x012345;

        // create a boolean primitives b
        boolean b;

        // assign isDefined result of cp to b
        b = Character.isDefined(cp);

        String str = "cp has defined meaning in Unicode is " + b;

        // print b value
        System.out.println( str );

    }
}
```

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

```
cn has defined meaning in Unicode is false
Loading [Mathjax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```