

Getting the current date and time in Java

Java provides the Date class available in java.util package, this class encapsulates the current date and time.

Eg.

```
import java.util.Date;
public class DateDemo {

    public static void main(String args[]) {
        // Instantiate a Date object
        Date date = new Date();

        // display time and date using toString()
        System.out.println(date.toString());
    }
}
```

[Live Demo](#)

Java SimpleDateFormat

The java.text.SimpleDateFormat class provides methods to format and parse date and time in java. The SimpleDateFormat is a concrete class for formatting and parsing date which inherits java.text.DateFormat class.

SimpleDateFormat allows you to start by choosing any user-defined patterns for date-time formatting. However, you are encouraged to create a date-time formatter with either getTimeInstance, getDateInstance, or getDateTimeInstance in DateFormat. Each of these class methods can return a date/time formatter initialized with a default format pattern. You may modify the format pattern using the applyPattern methods as desired.

```
import java.text.SimpleDateFormat;
import java.util.Date;
public class SimpleDateFormatExample {
    public static void main(String[] args) {
        Date date = new Date();
        SimpleDateFormat formatter = new SimpleDateFormat("dd/MM/yyyy");
        String strDate= formatter.format(date);
        System.out.println(strDate);
    }
}
```

 **Test it Now**

Output:

```
13/04/2015
```

Links to the official Java Documentation:

1. [Date \(Java Platform SE 8 \)](#)
2. [SimpleDateFormat \(Java Platform SE 7 \)](#)