**Convert String to date in Java**

[**JAVA DATE**](http://beginnersbook.com/category/technology/java-guide/java-date/)

In this tutorial we will see how to convert a String to Date in Java.

**Convert String to Date: Function**

After this section I have shared a complete example to demonstrate String to Date conversion in various [**date formats**](http://beginnersbook.com/2013/04/java-date-format/). For those who just want a function for this conversion, here is the function code:

public Date convertStringToDate(String dateString)

{

Date date = null;

Date formatteddate = null;

DateFormat df = new SimpleDateFormat("dd-MMM-yyyy");

try{

date = df.parse(dateString);

formatteddate = df.format(date);

}

catch ( Exception ex ){

System.out.println(ex);

}

return formatteddate;

}

**Example program for string to date conversion**

package beginnersbook.com;

import java.text.DateFormat;

import java.text.SimpleDateFormat;

import java.util.Date;

public class StringToDateDemo{

public static void main(String args[])

{

String testDateString = "02/04/2014";

String testDateString2 = "02-04-2014 23:37:50";

String testDateString3 = "02-Apr-2014";

String testDateString4 = "04 02, 2014";

String testDateString5 = "Thu, Apr 02 2014";

String testDateString6 = "Thu, Apr 02 2014 23:37:50";

DateFormat df = new SimpleDateFormat("dd/MM/yyyy");

DateFormat df2 = new SimpleDateFormat("dd-MM-yyyy HH:mm:ss");

DateFormat df3 = new SimpleDateFormat("dd-MMM-yyyy");

DateFormat df4 = new SimpleDateFormat("MM dd, yyyy");

DateFormat df5 = new SimpleDateFormat("E, MMM dd yyyy");

DateFormat df6 = new SimpleDateFormat("E, MMM dd yyyy HH:mm:ss");

try

{

//format() method Formats a Date into a date/time string.

Date d1 = df.parse(testDateString);

System.out.println("Date: " + d1);

System.out.println("Date in dd/MM/yyyy format is: "+df.format(d1));

Date d2 = df2.parse(testDateString2);

System.out.println("Date: " + d2);

System.out.println("Date in dd-MM-yyyy HH:mm:ss format is: "+df2.format(d2));

Date d3 = df3.parse(testDateString3);

System.out.println("Date: " + d3);

System.out.println("Date in dd-MMM-yyyy format is: "+df3.format(d3));

Date d4 = df4.parse(testDateString4);

System.out.println("Date: " + d4);

System.out.println("Date in MM dd, yyyy format is: "+df4.format(d4));

Date d5 = df5.parse(testDateString5);

System.out.println("Date: " + d5);

System.out.println("Date in E, MMM dd yyyy format is: "+df5.format(d5));

Date d6 = df6.parse(testDateString6);

System.out.println("Date: " + d6);

System.out.println("Date in E, E, MMM dd yyyy HH:mm:ss format is: "+df6.format(d6));

}

catch (Exception ex ){

System.out.println(ex);

}

}

}

**Output:**

Date: Wed Apr 02 00:00:00 IST 2014

Date in dd/MM/yyyy format is: 02/04/2014

Date: Wed Apr 02 23:37:50 IST 2014

Date in dd-MM-yyyy HH:mm:ss format is: 02-04-2014 23:37:50

Date: Wed Apr 02 00:00:00 IST 2014

Date in dd-MMM-yyyy format is: 02-Apr-2014

Date: Wed Apr 02 00:00:00 IST 2014

Date in MM dd, yyyy format is: 04 02, 2014

Date: Wed Apr 02 00:00:00 IST 2014

Date in E, MMM dd yyyy format is: Wed, Apr 02 2014

Date: Wed Apr 02 23:37:50 IST 2014

Date in E, E, MMM dd yyyy HH:mm:ss format is: Wed, Apr 02 2014 23:37:50