

#Programming

#Java

#json

#object

#convert

#parse

1 more ...

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EN

Java - parse JSON to object with Jackson lib

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5

points



In this short article, we would like to show how to convert JSON to Java object, using external Jackson library.

Quick solution:

```
1 // import com.fasterxml.jackson.core.JsonProcessingException;
2 // import com.fasterxml.jackson.databind.ObjectMapper;
3
4 ObjectMapper objectMapper = new ObjectMapper();
5
6 String userJson = "{\"name\":\"John\",\"age\":21}"; // {"name": "John", "age": 21}
7 User userObject = objectMapper.readValue(userJson, User.class);
8
9 System.out.println(userObject.getName()); // John
10 System.out.println(userObject.getAge()); // 21
```

Hint: to know how to attach *.jar lib to out project read [this article](#).

Note: if you want to convert Object to JSON String read [this article](#).

Link to the library in the Maven repository:
<https://mvnrepository.com/artifact/com.fasterxml.jackson.core/jackson-databind>

Practical example [Edit](#)

Main.java file content:

```
1 package examples;
2
3 import com.fasterxml.jackson.core.JsonProcessingException;
4 import com.fasterxml.jackson.databind.ObjectMapper;
5
6 public class Main {
7
8     public static void main(String[] arg) throws JsonProcessingException {
9
10         ObjectMapper objectMapper = new ObjectMapper();
11
12         String userJson = "{\"name\":\"John\",\"age\":21}";
13         User userObject = objectMapper.readValue(userJson, User.class);
14
15         System.out.println(userObject.getName()); // John
16         System.out.println(userObject.getAge()); // 21
17     }
18 }
```

Example output:

```
1 John
2 21
```

User.java file content:

```
1 package examples;
2
3 public static class User {
4
5     private String name;
6     private int age;
```



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```

7
8 // required no-arguments constructor
9 public User() {
10     // nothing here ...
11 }
12
13 public String getName() {
14     return this.name;
15 }
16
17 public int getAge() {
18     return this.age;
19 }
20 }

```

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