

JSON-Binding

Jars:

<http://www.mediafire.com/file/khuphy1nosc5q10/JSON-B-JARS.zip>

1. Model class

```
package com.app;
```

```
import javax.json.bind.annotation.JsonbNillable;
import javax.json.bind.annotation.JsonbProperty;
import javax.json.bind.annotation.JsonbPropertyOrder;
import javax.json.bind.annotation.JsonbTransient;
```

```
@JsonbNillable
```

```
@JsonbPropertyOrder({"pid", "pname", "pcost"})
```

```
public class Product {
```

```
    @JsonbTransient
```

```
    private int pid;
```

```
    private String pname;
```

```
    @JsonbProperty(value = "prod-cost")
```

```
    private double pcost;
```

```
    public int getPid() {
        return pid;
    }
```

```
    public void setPid(int pid) {
        this.pid = pid;
    }
```

```
    public String getPname() {
        return pname;
    }
```

```
    public void setPname(String pname) {
        this.pname = pname;
    }
```

```
    public double getPcost() {
        return pcost;
    }
```

```
    public void setPcost(double pcost) {
        this.pcost = pcost;
    }
```

```
    }  
    public String toString() {  
        return "Product [pid=" + pid + ", pname=" + pname  
+ ", pcost=" + pcost + "];"  
    }  
  
}
```

2. Object To JSON

```
package com.app;  
  
import javax.json.bind.Jsonb;  
import javax.json.bind.JsonbBuilder;  
  
public class ObjectToJsonTest {  
    public static void main(String[] args) {  
        try {  
            Product p=new Product();  
            p.setPid(100);  
            p.setPname("ABC");  
            p.setPcost(3.6);  
  
            Jsonb jb=JsonbBuilder.create();  
            String s=jb.toJson(p);  
            System.out.println(s);  
        } catch (Exception e) {  
            e.printStackTrace();  
        }  
    }  
}
```

3. Json To Object:-

```
package com.app;  
  
import javax.json.bind.Jsonb;  
import javax.json.bind.JsonbBuilder;
```

```
public class JsonToObjectTest {  
    public static void main(String[] args) {  
        try {  
            String json="{\"prod-  
cost\":3.6,\"pid\":100,\"pname\":\"ABC\"}";  
  
            Jsonb jb=JsonbBuilder.create();  
            Product p=jb.fromJson(json, Product.class);  
            System.out.println(p);  
  
        } catch (Exception e) {  
            e.printStackTrace();  
        }  
    }  
}
```

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