

# JSON

JSON		JAVA
<pre>"name": "john", "age": 34, "weight": 78.4, "married": true, "children": ["mary", "elsa"], "address": {   "street": "park lane 3",   "city": "little town" }, "unused": null }</pre>	<p>string</p> <p>number</p> <p>boolean</p> <p>list</p> <p>object</p> <p>null</p>	<pre>String name; int age; double weight; boolean married; List&lt;String&gt; children; Address address;  Object unused = null;</pre>

## Annotation

```
@JsonProperty("first")  
@JsonIgnore  
@JsonIgnoreProperties  
  
@JsonInclude(  
  JsonInclude.Include.  
  NON_NULL)  
  
@JsonManagedReference  
@JsonBackReference
```

## Description

property name

ignore this property

ignore these properties

exclude values: null, empty, default

parent-child relation

child-parent relation

```
// in Author  
  
@JsonManagedReference  
@OneToMany(mappedBy = "author")  
List<Book> books;
```

```
//in Book  
  
@JsonBackReference  
@ManyToOne  
Author author;
```