



WEB ENGINEERING


DAS JSON FORMAT

- Simple Objects (Key / Value Pairs)
- Arrays
- Complex Objects (Nested Objects)

SIMPLE OBJECTS

KEY / VALUE PAIRS

Key Value



```
{  
  "firstname" : "Mike",  
  "lastname"  : "Miller",  
  "birthday"   : "1980-07-04",  
  "married"    : true,  
  "children"   : 2  
}
```

ARRAYS

LISTS OF VALUES

```
{  
  "firstname" : "Mike",  
  "lastname"  : "Miller",  
  "birthday"  : "1980-07-04",  
  "married"   : true,  
  "children"  : 2,  
  "hobbies"   : [ "football", "swimming", "golf" ]  
}
```

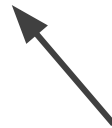


The value can be an array

COMPLEX OBJECTS

NESTED OBJECTS

```
{  
  "customerId" : 42,  
  "orderId"    : 101,  
  "items"      : [  
    { "id": 10010, "quantity": 1 },  
    { "id": 50621, "quantity": 5 },  
    { "id": 0815,  "quantity": 2 },  
  ]  
}
```



A value can be another object

- [Das JSON-Format auf Datalit.de](#)
- [JSON Validator](#)