

JSON.stringify()

- description : JSON.stringify()
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The source of this article

[JSON.stringify\(\)](#)

JSON

JSON.stringify()

JavaScript

Stringify a JavaScript Object

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```
const obj = {name: "John", age: 30, city: "New York"};
```

JavaScript

JSON.stringify()

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```
const myJSON = JSON.stringify(obj);
```

JSON

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myJSON

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:

Example

```
<body>
```

```
<h2>Create a JSON string form a JavaScript object.</h2>
<hr>
<p id="demo"></p>

<script>
    const obj = {name: "Yejin", age: 34, city: "Pohang"};
    const myJSON = JSON.stringify(obj);
    document.getElementById("demo").innerHTML = myJSON;
    console.log(myJSON);           //
{"name": "Yejin", "age": 34, "city": "Pohang"}
    console.log(typeof myJSON);    // string
</script>

</body>
```

Stringify a JavaScript Array

JavaScript 가 :

JavaScript 가 .

```
const arr = ["John", "Peter", "Sally", "Jane"];
```

JSON.stringify()

```
const myJSON = JSON.stringify(arr);
```

JSON

myJSON , 가 :

Example

```
<body>

    <h2>Create a JSON string from a JavaScript object.</h2>
    <hr>
    <p id="demo"></p>
```

```

<script>
  const arr = ["John", "Peter", "Sally", "Jane"];
  const myJSON = JSON.stringify(arr);
  document.getElementById("demo").innerHTML = myJSON;
  console.log(arr); // ['John', 'Peter', 'Sally', 'Jane']
  console.log(typeof arr); // object
  console.log(myJSON); // ["John","Peter","Sally","Jane"]
  console.log(typeof myJSON); // string
</script>

</body>

```

Storing Data

JSON

JavaScript

Example

```

<body>

  <h2>Store and retrieve data from local storage.</h2>
  <hr>
  <p id="demo"></p>

  <script>
    // Storing data:
    const myObj = {name: "John", age: 31, city: "New York"};
    const myJSON = JSON.stringify(myObj);
    localStorage.setItem("testJSON", myJSON);

    // Retrieving data:
    let text = localStorage.getItem("testJSON");
    let obj = JSON.parse(text);
    document.getElementById("demo").innerHTML = obj.name;
    console.log(localStorage);
    /* Storage {testJSON: '{"name":"John","age":31,"city":"New York"}',
length: 1}
    testJSON: '{"name":"John","age":31,"city":"New York"}'
    length: 1
  </script>

```

```
[[Prototype]]: Storage */
</script>

</body>
```

Exceptions

Stringify Dates

JSON date 가 . **JSON.stringify()**

Example

```
<body>

<h2>JSON.stringify() converts date objects into strings.</h2>
<hr>
<p id="demo"></p>

<script>
    const obj = {name:"John", today: new Date(), city: "New York"};
    const myJSON = JSON.stringify(obj);
    document.getElementById("demo").innerHTML = myJSON;
    console.log(obj); // {name: 'John', today: Wed Apr 06 2022 14:21:07
GMT+0900 (      ), city: 'New York'}
    console.log(typeof obj); // object
    console.log(myJSON); //
{"name":"John","today":"2022-04-06T05:21:31.814Z","city":"New York"}
    console.log(typeof myJSON); // string
</script>

</body>
```

date .

Stringify Functions

JSON , value .

JSON.stringify()

, key value .

Example

```
<body>

  <h2>JSON.stringify() will remove any function from an object.</h2>
  <hr>
  <p id="demo"></p>

  <script>
    const obj = {name:"John", age:function() {return 31;}, city: "New
York"};
    const myJSON = JSON.stringify(obj);
    document.getElementById("demo").innerHTML = myJSON; //
{"name":"John","city":"New York"}
    console.log(obj); // {name: 'John', city: 'New York', age: f}
    console.log(myJSON); // {"name":"John","city":"New York"}
  </script>

</body>
```

JSON.stringify()

```
<body>

  <h2>JSON.stringify() will remove any function from an object.</h2>
  <hr>
  <p id="demo"></p>

  <script>
    const obj = {name:"John", age:function() {return 31;}, city: "New
York"};
    obj.age = obj.age.toString();
    console.log(obj.age); // function() {return 31;}
    console.log(typeof obj.age); // string
    console.log(obj); // {name: 'John', age: 'function() {return 31;}',
city: 'New York'}
    const myJSON = JSON.stringify(obj);
    document.getElementById("demo").innerHTML = myJSON; //
{"name":"John","age":"function() {return 31;}", "city":"New York"}
  </script>

</body>
```

JSON

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eval()

„ JSON.stringify()

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