URL: toJSON() method

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The `toJSON()` method of the URL interface returns a string representing the `URL` object. This is the same string that URL.toString() returns.

The method is automatically called by JSON.stringify() when a `URL` object is encountered during JSON serialization. The serialized value can then be deserialized using the URL() constructor within the reviver of JSON.parse().

Syntax

```
toJSON()
```

Parameters

None.

Return value

A string.

Examples

Calling toJSON() directly

Calling `toJSON()` directly returns a string containing the URL.

```
const url = new URL(
  "https://developer.mozilla.org/en-US/docs/Web/API/URL/toString",
);

const json = url.toJSON();
console.log(json); // https://developer.mozilla.org/en-US/docs/Web/API/URL/toString
console.log(typeof json); // "string"
```

Serializing to a JSON string

The `URL` object from the previous example is serialized using JSON.stringify(), which calls the `toJSON()` method automatically.

```
console.log(JSON.stringify(url));
```

This would log the following JSON string, including the surrounding double quotes, which are part of the string's content:

```
"https://developer.mozilla.org/en-US/docs/Web/API/URL/toString"
```

Specifications

Browser compatibility

See also

- Polyfill of `URL.prototype.toJSON` in `core-js`

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