

yahoo / **serialize-javascript** Public

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# Commit f27d65d



**rrdelaney** authored on Jan 9, 2024 Verified

fix: serialize URL string contents to prevent XSS (#173)

**main** (#173) · v7.0.5 ... v6.0.2

1 parent [02499c0](#) commit f27d65d

**2 files changed** +5 -3 lines changed

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index.js

▼ test/unit

serialize.js

**2 files changed** +5 -3 lines changed

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```

@@ -258,7 +258,7 @@ module.exports = function serialize(obj, options) {
258 258     }
259 259
260 260     if (type === 'L') {
261 -         return "new URL(\"" + urls[valueIndex].toString() + "\");"
261 +         return "new URL(" + serialize(urls[valueIndex].toString(), options)
+         + ")";
262 262     }
263 263
264 264     var fn = functions[valueIndex];

```

```

test/unit/serialize.js
@@ -461,8 +461,8 @@ describe('serialize( obj )', function () {
461 461     describe('URL', function () {
462 462         it('should serialize URL', function () {
463 463             var u = new URL('https://x.com/');
464 -         expect(serialize(u)).toEqual('new URL("https://x.com/")');
465 -         expect(serialize({t: [u]})).toBe.a('string').equal('{t:[new
URL("https://x.com/")]')};
464 +         expect(serialize(u)).toEqual('new
URL("https:\\u002F\\u002Fx.com\\u002F")');
465 +         expect(serialize({t: [u]})).toBe.a('string').equal('{t:[new
URL("https:\\u002F\\u002Fx.com\\u002F")]')};
466 466         });
467 467     });
468 468     it('should deserialize URL', function () {
@@ -477,6 +477,8 @@ describe('serialize( obj )', function () {
477 477     expect(serialize('</script>')).toEqual('"\\u003C\\u002Fscript\\u003E"');
478 478     expect(JSON.parse(serialize('</script>'))).toEqual('</script>');
479 479     expect(eval(serialize('</script>'))).toEqual('</script>');
480 +     expect(serialize(new URL('x:</script>'))).toEqual('new
URL("x:\\u003C\\u002Fscript\\u003E"');
481 +     expect(eval(serialize(new URL('x:</script>'))).href).toEqual('x:
</script>');
480 482     });
481 483     });
482 484

```

## Comments 0



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