

**Array Comprehension** V8 does not support [Array comprehensions](#)<sup>809</sup>.

Use other methods such as the `Array` instance methods `map()`, `filter()`, or `forEach()`.

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### Example

With V8, the following array comprehension is **invalid**:

```
var a = { w: 1, x: 2, y: 3, z: 4 }

var arr = [i * i for each (i in a) if (i > 2)]
printjson(arr)
```

Instead, you can implement using the `Array` *instance* method `forEach()` and the ES5 method `Object.keys()`:

```
var a = { w: 1, x: 2, y: 3, z: 4 }

var arr = [];
Object.keys(a).forEach(function (key) {
  var val = a[key];
  if (val > 2) arr.push(val * val);
})
printjson(arr)
```

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**Note:** The new logic uses the `Array` *instance* method `forEach()` and not the *generic* method `Array.forEach()`; V8 does **not** support `Array` *generic* methods. See [Array Generic Methods](#) (page 890) for more information.

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**Multiple Catch Blocks** V8 does not support multiple `catch` blocks and will throw a `SyntaxError`.

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### Example

The following multiple `catch` blocks is **invalid** with V8 and will throw `"SyntaxError: Unexpected token if"`:

```
try {
  something()
} catch (err if err instanceof SomeError) {
  print('some error')
} catch (err) {
  print('standard error')
}
```

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**Conditional Function Definition** V8 will produce different outcomes than SpiderMonkey with [conditional function definitions](#)<sup>810</sup>.

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### Example

The following conditional function definition produces different outcomes in SpiderMonkey versus V8:

```
function test () {
  if (false) {
```

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<sup>809</sup>[https://developer.mozilla.org/en-US/docs/JavaScript/Guide/Predefined\\_Core\\_Objects#Array\\_comprehensions](https://developer.mozilla.org/en-US/docs/JavaScript/Guide/Predefined_Core_Objects#Array_comprehensions)

<sup>810</sup><https://developer.mozilla.org/en-US/docs/JavaScript/Guide/Functions>