# get-intrinsic [![Version Badge][npm-version-svg]][package-url]

[github actions](https://github.com/ljharb/get-intrinsic/actions) [coverage](https://app.codecov.io/gh/ljharb/get-intrinsic/) [dependency status](https://david-dm.org/ljharb/get-intrinsic) [dev dependency status](https://david-dm.org/ljharb/get-intrinsic#info=devDependencies) [License](http://license) [Downloads](https://npm-stat.com/charts.html?package=get-intrinsic)

[npm badge](https://npmjs.org/package/get-intrinsic)

Get and robustly cache all JS language-level intrinsics at first require time.

See the syntax described [in the JS spec](https://tc39.es/ecma262/#sec-well-known-intrinsic-objects) for reference.

## Example

var GetIntrinsic = require('get-intrinsic');

var assert = require('assert');

// static methods

assert.equal(GetIntrinsic('%Math.pow%'), Math.pow);

assert.equal(Math.pow(2, 3), 8);

assert.equal(GetIntrinsic('%Math.pow%')(2, 3), 8);

delete Math.pow;

assert.equal(GetIntrinsic('%Math.pow%')(2, 3), 8);

// instance methods

var arr = [1];

assert.equal(GetIntrinsic('%Array.prototype.push%'), Array.prototype.push);

assert.deepEqual(arr, [1]);

arr.push(2);

assert.deepEqual(arr, [1, 2]);

GetIntrinsic('%Array.prototype.push%').call(arr, 3);

assert.deepEqual(arr, [1, 2, 3]);

delete Array.prototype.push;

GetIntrinsic('%Array.prototype.push%').call(arr, 4);

assert.deepEqual(arr, [1, 2, 3, 4]);

// missing features

delete JSON.parse; // to simulate a real intrinsic that is missing in the environment

assert.throws(() => GetIntrinsic('%JSON.parse%'));

assert.equal(undefined, GetIntrinsic('%JSON.parse%', true));

## Tests

Simply clone the repo, npm install, and run npm test

## Security

Please email [@ljharb](https://github.com/ljharb) or see <https://tidelift.com/security> if you have a potential security vulnerability to report.