
Listing 1 Express.js

```
1 var fs = require('fs');
2 var http = require('http');
3 var path = require('path');
4 var methods = require('methods');
5 var express = require('express');
6 var bodyParser = require('body-parser');
7 var session = require('express-session');
8 var cors = require('cors');
9 var passport = require('passport');
10 var errorHandler = require('errorhandler');
11 var mongoose = require('mongoose');

13 var isProduction = process.env.NODE_ENV === 'production';

15 // Create global app object
16 var app = express();

18 app.use(cors());

20 // Normal express config defaults
21 app.use(require('morgan')('dev'));
22 app.use(bodyParser.urlencoded({extended: false}));
23 app.use(bodyParser.json());

25 app.use(require('method-override')());
26 app.use(express.static(__dirname + '/public'));

28 app.use(session({secret: 'conduit', cookie: {maxAge: 60000},
    resave: false, saveUninitialized: false}));

30 if (!isProduction) {
31   app.use(errorHandler());
32 }

34 app.use(require('./routes'));

36 /// catch 404 and forward to error handler
37 app.use(function (req, res, next) {
38   var err = new Error('Not Found');
39   err.status = 404;
40   next(err);
41 });

43 // finally, let's start our server...
44 var server = app.listen(process.env.PORT || 3000, function () {
45   console.log('Listening on port ' + server.address().port);
46 });
```

Listing 2 JavaScript

```
1 // Expression bodies
2 var odds = evens.map(v => v + 1);
3 var nums = evens.map((v, i) => v + i);
4 var pairs = evens.map(v => ({even: v, odd: v + 1}));

6 // Statement bodies
7 nums.forEach(v => {
8   if (v % 5 === 0)
9     fives.push(v);
10 });

12 // Lexical this
13 var bob = {
14   _name: "Bob",
15   _friends: [],
16   printFriends() {
17     this._friends.forEach(f =>
18       console.log(this._name + " knows " + f));
19   }
20 }
```

Listing 3 JavaScript

```
1 Number.EPSILON
2 Number.isInteger(Infinity); // false
3 Number.isNaN("NaN"); // false

5 Math.acosh(3); // 1.762747174039086
6 Math.hypot(3, 4); // 5
7 Math.imul(Math.pow(2, 32) - 1, Math.pow(2, 32) - 2) // 2
8 ;
9 "abcde".includes("cd"); // true
10 "abc".repeat(3); // "abccabccabc"

12 Array.from(document.querySelectorAll('*')); // Returns a real
    Array
13 Array.of(1, 2, 3) // Similar to new Array(...), but without
    special one-arg behavior
14 [0, 0, 0].fill(7, 1) // [0,7,7]
15 [1, 2, 3].find(x => x == 3) // 3
16 [1, 2, 3].findIndex(x => x == 2) // 1
17 [1, 2, 3, 4, 5].copyWithin(3, 0) // [1, 2, 3, 1, 2]
18 ["a", "b", "c"].entries() // iterator [0, "a"], [1,"b"],
    [2,"c"]
19 ["a", "b", "c"].keys() // iterator 0, 1, 2
20 ["a", "b", "c"].values(); // iterator "a", "b", "c"

22 Object.assign(Point, { origin: new Point(0,0) });
```

Listing 4 Node.js

```
1 var fs = require('fs');
2 var path = require('path');
3 var http = require('http');
4 var request = require('request');
5 var TMP_FILE_PATH = path.join(path.sep, 'tmp', 'foo');

7 // write a temporary file:
8 fs.writeFileSync(TMP_FILE_PATH, 'foo bar baz quk\n');

10 http.createServer(function (req, res) {
11   console.log('the server is receiving data!\n');
12   req.on('end', res.end.bind(res)).pipe(process.stdout);
13 }).listen(3000).unref();

15 fs.createReadStream(TMP_FILE_PATH)
16   .pipe(request.post('http://127.0.0.1:3000'));
```

Listing 5 Jasmine

```
1 describe('built-in matchers', function() {
2   describe('toBeTruthy', function() {
3     it('passes if subject is true', function() {
4       expect(true).toBeTruthy();
5       expect(false).not.toBeTruthy();
6     });
7   });

9   describe('toBeFalsy', function() {
10    it('passes if subject is false', function() {
11      expect(false).toBeFalsy();
12      expect(true).not.toBeFalsy();
13    });
14  });

16  describe('toBeDefined', function() {
17    it('passes if subject is not undefined', function() {
18      expect({}).toBeDefined();
19      expect(undefined).not.toBeDefined();
20    });
21  });

23  describe('toBeNull', function() {
24    it('passes if subject is null', function() {
25      expect(null).toBeNull();
26      expect(undefined).not.toBeNull();
27      expect({}).not.toBeNull();
28    });
29  });
30 });
```
