

OpenCV.js Performance Test

Node.js Version

Prerequisites

1. node.js, npm: Make sure you have installed these beforehand with the system package manager.
2. Benchmark.js: Make sure you have installed Benchmark.js by npm before use. Please run `npm install` in the directory `<build_dir>/bin/perf`.

How to Use

For example, if you want to test the performance of `cvtColor`, please run `perf_cvtColor.js` by node in terminal:

```
node perf_cvtColor.js
```

All tests of `cvtColor` will be run by above command.

If you just want to run one specific case, please use `--test_param_filter="()"` flag, like:

```
node perf_cvtColor.js --test_param_filter="(1920x1080, COLOR_BGR2GRAY)"
```

Browser Version

How to Use

To run performance tests, please launch a local web server in `/bin` folder. For example, node `http-server` which serves on `localhost:8080`.

Navigate the web browser to the kernel page you want to test, like `http://localhost:8080/perf/imgproc/cvtColor.html`.

You can input the parameter, and then click the **Run** button to run the specific case, or it will run all the cases.