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Asynchronous
Opency code
#include <napi.h>
#include <opencv2/core.hpp>
#include <opencv2/imgcodecs.hpp>
#include <opencv2/imgproc.hpp>
void FindImageDifferenceAsync(const Napi::CallbackInfo& info) {
  Napi::Env env = info.Env();
  if (info.Length() < 3 | | !info[0].IsString() | | !info[1].IsString() | | !info[2].IsFunction()) {
    Napi::TypeError::New(env, "Invalid arguments").ThrowAsJavaScriptException();
    return;
  }
  std::string imagePath1 = info[0].As<Napi::String>().Utf8Value();
  std::string imagePath2 = info[1].As<Napi::String>().Utf8Value();
  Napi::Function callback = info[2].As<Napi::Function>();
  Napi::AsyncWorker* worker = new Napi::AsyncWorker(callback, [=](Napi::Promise::Resolver
resolver) {
    cv::Mat img1 = cv::imread(imagePath1, cv::IMREAD_GRAYSCALE);
    cv::Mat img2 = cv::imread(imagePath2, cv::IMREAD_GRAYSCALE);
    if (img1.empty() | | img2.empty()) {
      resolver.Reject(Napi::TypeError::New(env, "Could not open image file"));
      return;
    }
    cv::Mat diff;
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cv::absdiff(img1, img2, diff);
    // Convert the difference image to a buffer
    std::vector<uchar> buffer;
    cv::imencode(".png", diff, buffer);
    // Create a node.js buffer object from the encoded image
    Napi::Buffer<uint8_t> result = Napi::Buffer<uint8_t>::New(env, buffer.size());
    memcpy(result.Data(), buffer.data(), buffer.size());
    resolver.Resolve(result);
  });
  worker->Queue();
}
Bindin.gyp
{
  "targets": [
    {
      "target_name": "my-addon",
      "sources": [ "my-addon.cc" ],
      "include_dirs": [
         "<!(node -p \"require('node-addon-api').include\")",
         "<!(node -p \"require('opencv4nodejs/package.json').opencvInclude\")"
      ],
      "libraries": [
         "<!(node -p \"require('opencv4nodejs/package.json').opencvLibDir\")/opencv_core",
         "<!(node -p \"require('opencv4nodejs/package.json').opencvLibDir\")/opencv_imgcodecs",
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"<!(node -p \"require('opencv4nodejs/package.json').opencvLibDir\")/opencv_imgproc"
      ],
      "conditions": [
        ['OS=="windows"', {
           "defines": [ "_CRT_SECURE_NO_WARNINGS" ],
           "msvs_settings": {
             "VCCLCompilerTool": {
               "AdditionalOptions": ["/Zc:__cplusplus"]
            }
           }
        }]
      ]
    }
 ]
}
Binding gyp with copies
{
 "targets": [
  {
   "target_name": "myaddon",
   "sources": [
    "myaddon.cc"
   ],
   "copies": [
     "destination": "<(module_root_dir)/build",
     "files": [
      "file1.txt",
      "file2.txt"
```

```
}
},
{
   "destination": "<(module_root_dir)/build/folder",
   "files": [
      "folder/*"
   ]
}
</pre>
```