

Image Edge detection using ACO

Image Edge detection using ACO is a software program that provides a web-based implementation of an adapted Ant System algorithm proposed by [Liu and Fang \(2015\)](#). With some enhancements to the process, it is able to process perfectly most images - from clear to noisy. It has an accessible interface and is easy to use.

The online version is hosted by GitHub Pages and can be found [here](#).

General information

The main source code of the system lives under the `src` folder. However, the compiled scripts by webpack are under the `docs` folder. To inspect the written source code, please review the files under `src`.

The main files are:

- `app.js`
- `app.scss`
- `index.html`

Set up

The project uses the standard node package manager - [NPM](#). Therefore NPM must be set up on the working machine to run the local server (please see [NPM Get Started](#)).

Assuming NPM is installed, navigate to the project folder in the comand line interface.

After opening the project folder in the CLI, install the project dependencies:

```
npm install
```

Local Server

To run the local server, execute the start command:

```
npm run start
```

License

[MIT](#)

Developed with ♥ by Alexander Ivanov (B614581)