

Thoroute

PLAN YOUR BUS ROUTES, SMARTER

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THORROUTE?



Thoroute?

What exactly is thoroute?

Thoroute or Thorough route is, in essence, an advanced algorithm that's capable of planning, developing and redirecting routes for existing public transport systems and, if implemented in a large enough scale, will also be capable of predicting routes for new buses with no previous records.

HOW IT WORKS



How it works

O1 Gathering

Huge amounts of data across hundreds, if not thousands of public transport buses are collected and sorted

O2 Analyzing

The algorithm then analyzes the bus' validity by considering all the factors that were gathered. The primary algorithm is applied to figure this out

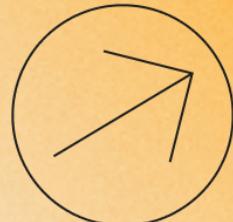
O3 Rerouting

After analyzing, each bus is given a specific quality rating. Based on this rating, the buses would be automatically rerouted

O4 Deployment

This analysis is done for all buses that are currently active and a routemap is created from scratch to be deployed by a human employee

O5 Manual Verification





FEATURES

What all do we plan to encompass?

Our final target is to make a viable product that public transport agencies can use to simplify their decision making process for deploying buses and other transport systems

instant results

ALGORITHMICALLY GENERATED

better predictions

LARGE DATABASE ENSURES ACCURACY

easy to use

MAJOR TASKS AUTOMATED



Web-App



Easy management



Open-Source

ALTERNATIVES



Does such a product already exist?

Based on the research that we've done. Next to no similar products exist that is capable of replicating our functionality. Even if such a product exists, it's held within private industries and sectors.

Thoroute aims to always remain open-source and free for everyone to use and improve upon. Its codebase relies on newer and simpler technologies enabling it to be easily understood, even by beginners

TECH STACKS



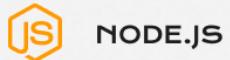
Frameworks and CMS



ANGULAR



REACT.JS



NODE.JS



FLUTTER



WORDPRESS

Programming/ scripting



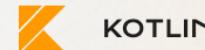
HTML5



CSS3



JAVASCRIPT



KOTLIN



XML



PYTHON

DB



SQL



NONESQL:
MONGODB

Version control tools



GIT

Design/motion



FIGMA



ADobe PHOTOSHOP



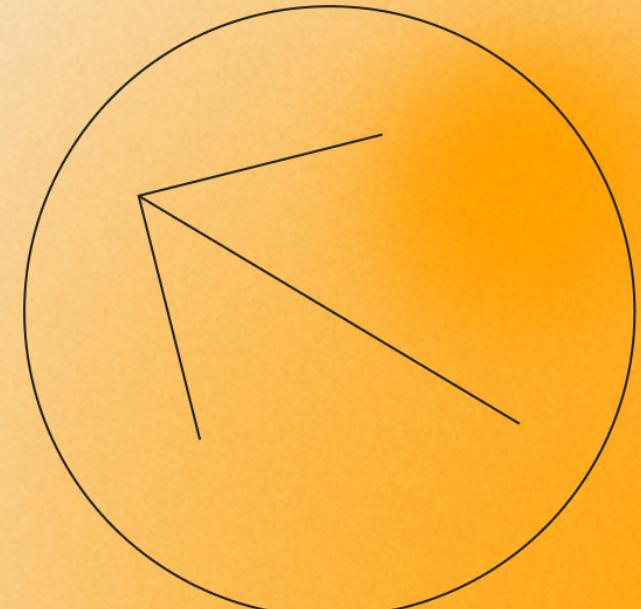
ADobe ILLUSTRATOR



ADobe AFTER EFFECTS



FRAMER



Au revoir!

Meaner

Leaner

Stronger

THANK YOU

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