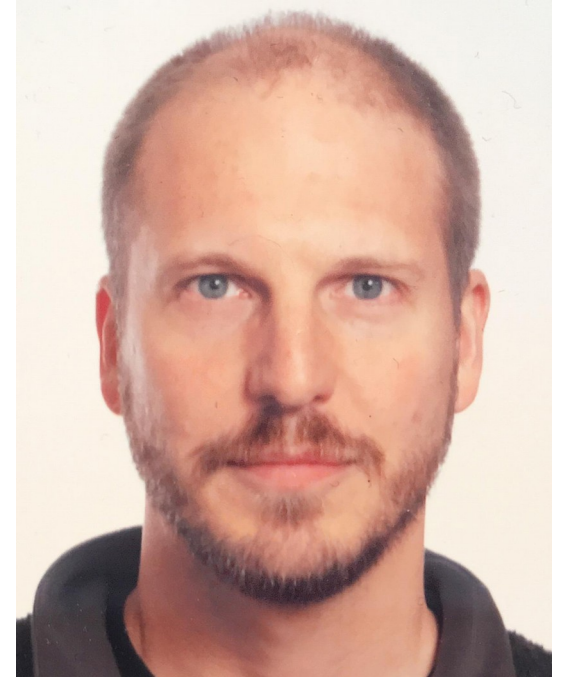# fritzing

The past, the present, and future

by Kjell Morgenstern

Who is Kjell?

Studied computer science
6 years autonomous robots and cars
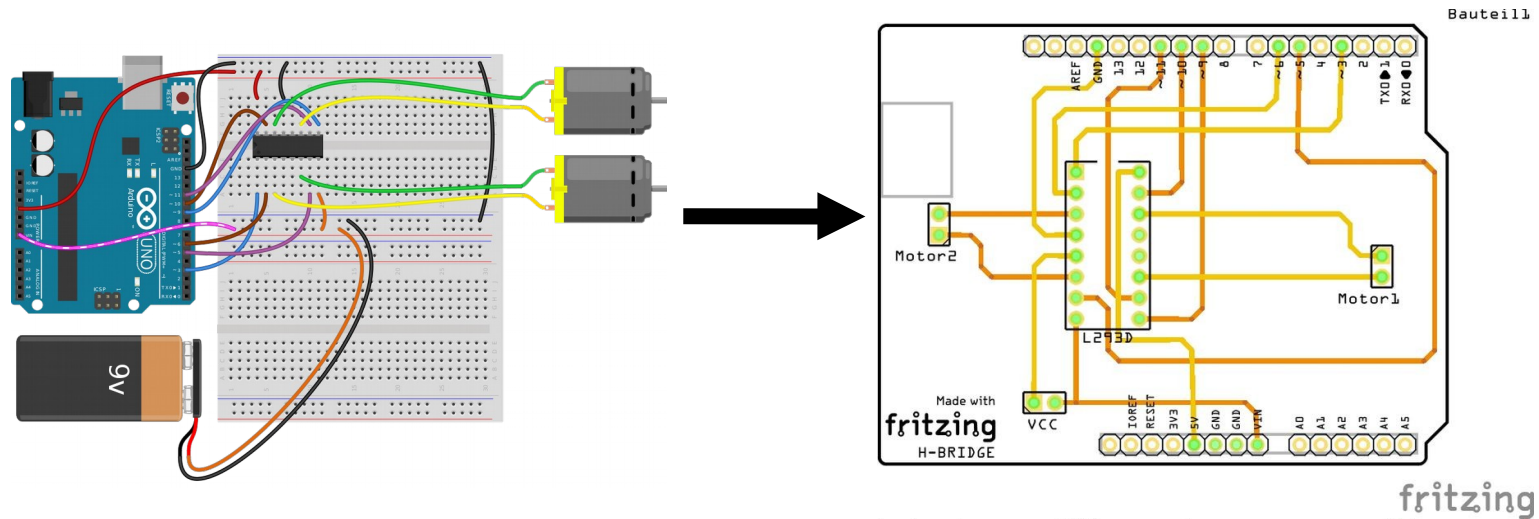5 years at TomTom, navigation algorithms

your new Fritzing maintainer

fritzing

Make Fritzing create again

What the heck is Fritzing?

Simple CAD software for the design of electronics hardware

What is Fritzing good in?

Can be used by novices, and people from foreign (non electronic) professions.

What is not possible with Fritzing?

For highly integrated circuits and circuits with more than two layers, it is better to use KiCAD. Fritzing can not be used to simulate circuits or design your next iPhone.

fritzing

Why a new maintainer?

Why a new maintainer?

Did not compile anymore
Nobody had build it since 2 years

Server still on Debian 6 without TLS

Broken Captcha not fixed for months

No forum signups possible

Email not working anymore

fritzing

Hi, I'm Kjell

I wanted to use Fritzing for my project...

...and decided to pick it up

fritzing

...and understand why it didn't work in the first place

Despite thousands of downloads per day

fritzing

Fritzing income

Mostly public research funding

PCB manufacturing

Parts development

Google Ads

Creator Kits

Donations

fritzing

Fritzing income in 2019

~~Public research funding~~

PCB manufacturing (AISLER)

~~Parts development~~

Google Ads

~~Creator Kits~~

~~Donations~~

fritzing

The Result

After the public funding ran out, Fritzing tried to generate income. But at some point, every developer on the project had moved on because it wasn't enough to be sustainable.

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Fritzing development 2019

Build again for Linux, Mac and Windows

Continuous Integration

482 issues done

Release 0.9.4

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Fritzing website

Emergency repairs

Add TLS (=https)

Forum server migrated

Re-add payment, after trying Donorbox

fritzing

Sustainable funding

Donations below minimum wage

8€ per download

One developer + some money for services

e.g. data protection officer, webservers,
and other freelancers

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Roadmap 2020

Issue bounties

Increase burndown to 2 issues a day

Better parts experience in Fritzing

New parts editor

Fosdem 2021

Keep GPL* business model

Support classroom and campus downloads

* we expect you to pay 8€

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