

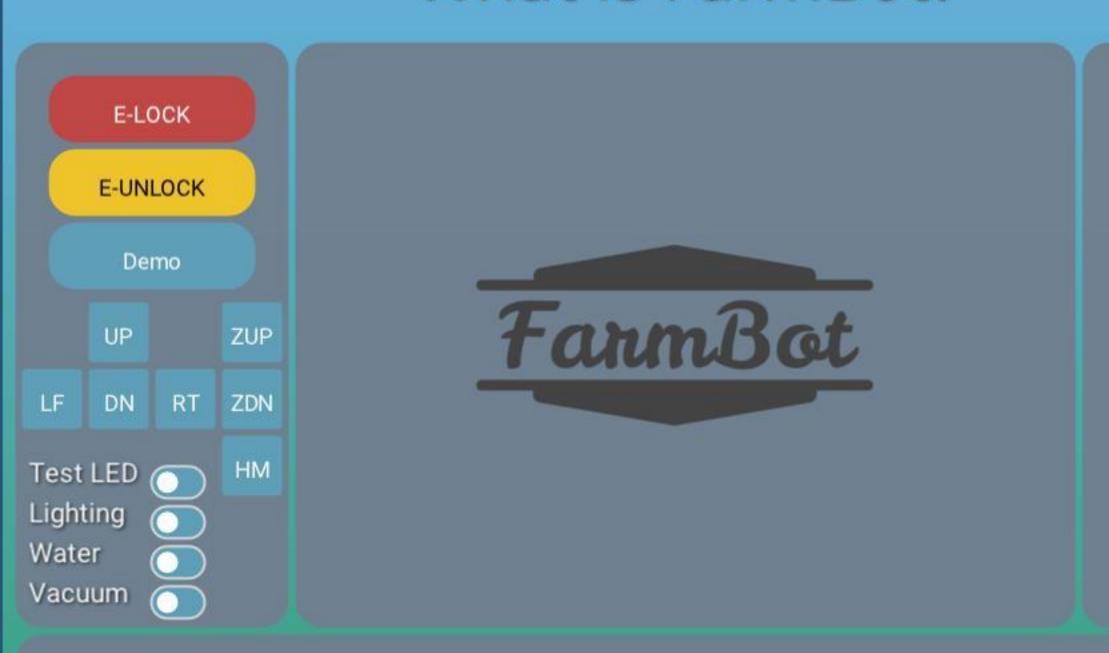
Functional Farming with Nerves

Who Am I?

What is FarmBot?

What is FarmBot?

What is FarmBot?



FarmBot is Open Source



FarmBot 💜 Open Source



FarmBot 💜 Open Source

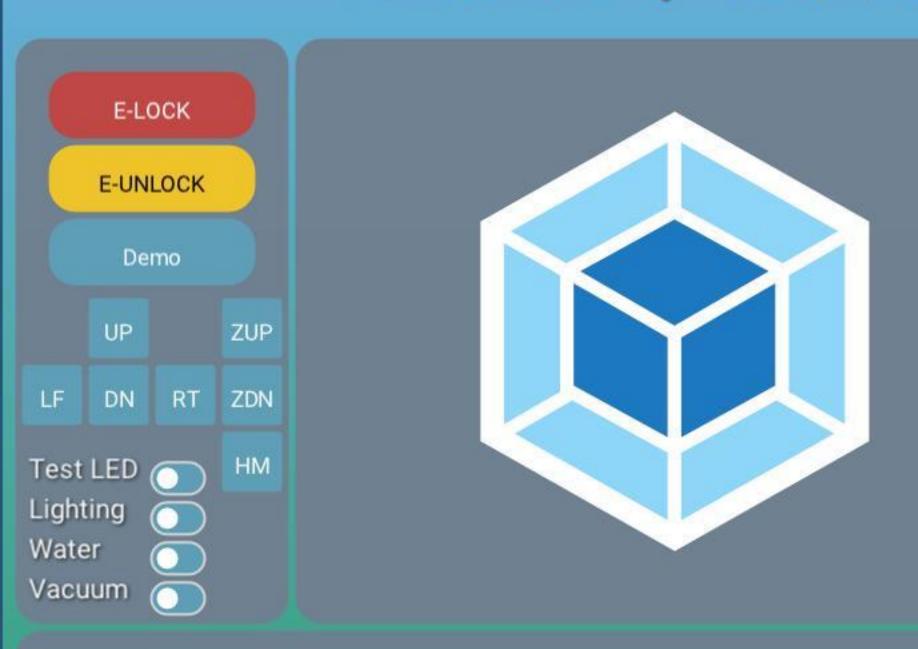


FarmBot RAILS

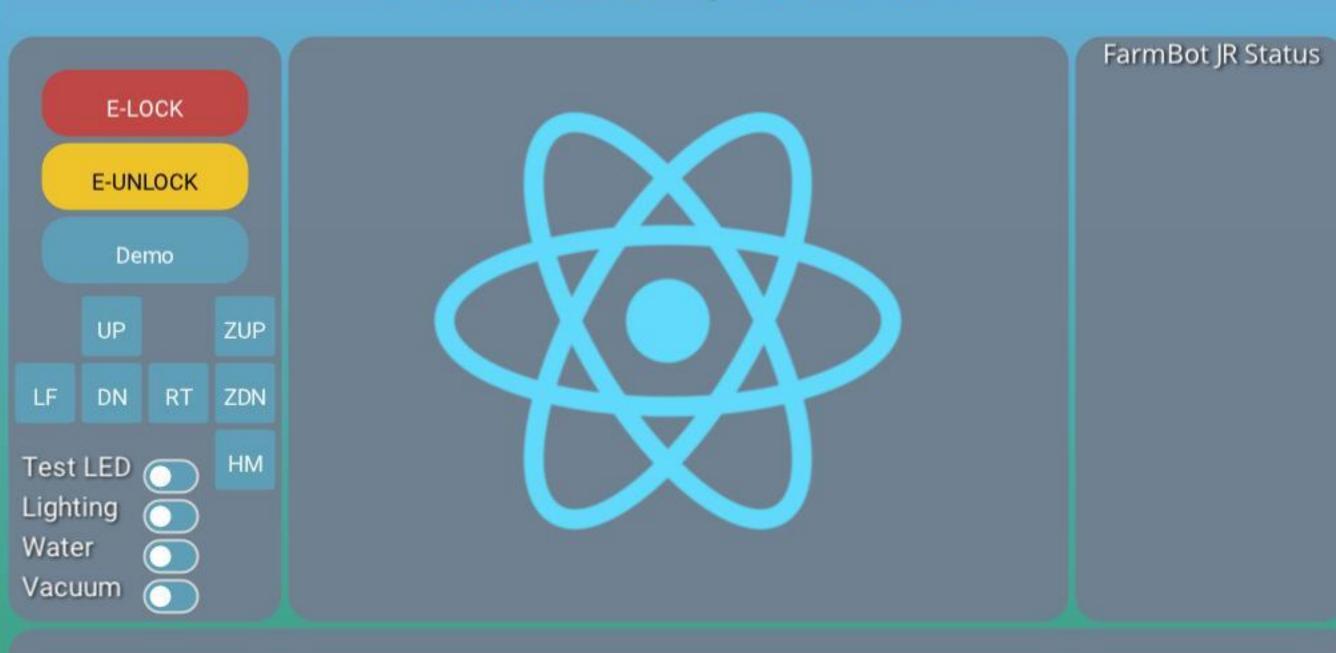




FarmBot WEBPACK



FarmBot REACT



FarmBot TYPESCRIPT

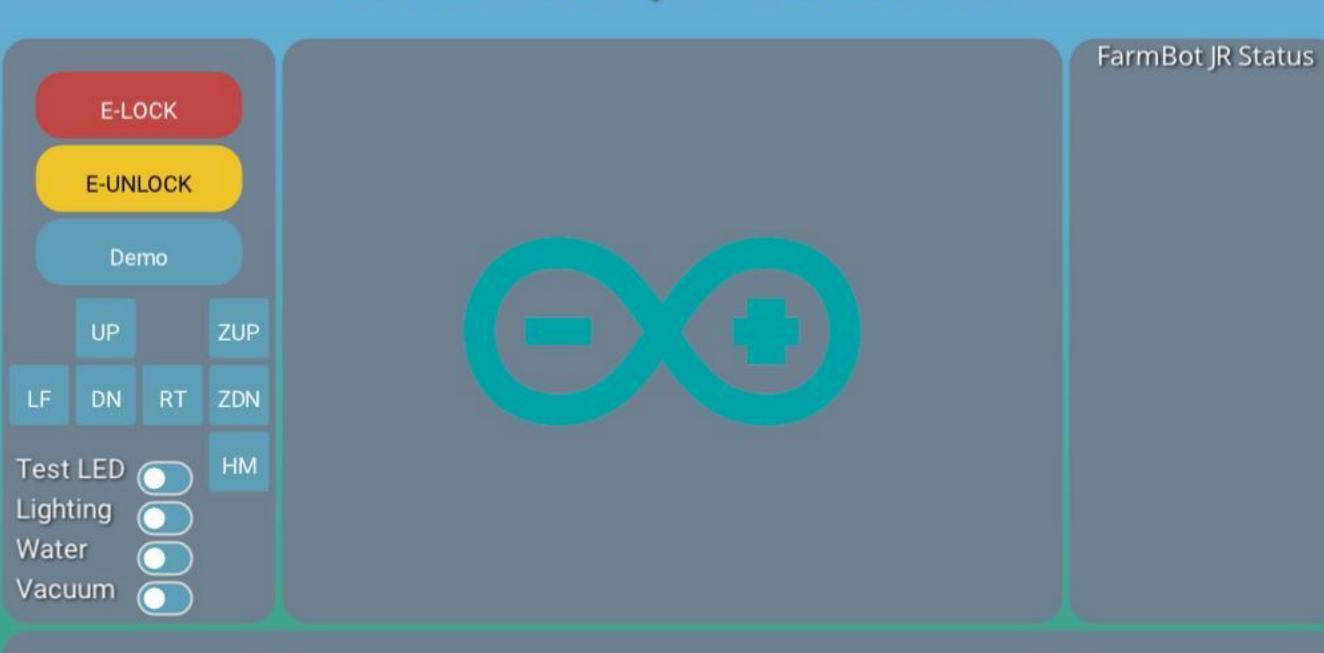


FarmBot RABBITMQ



L RabbitMQ

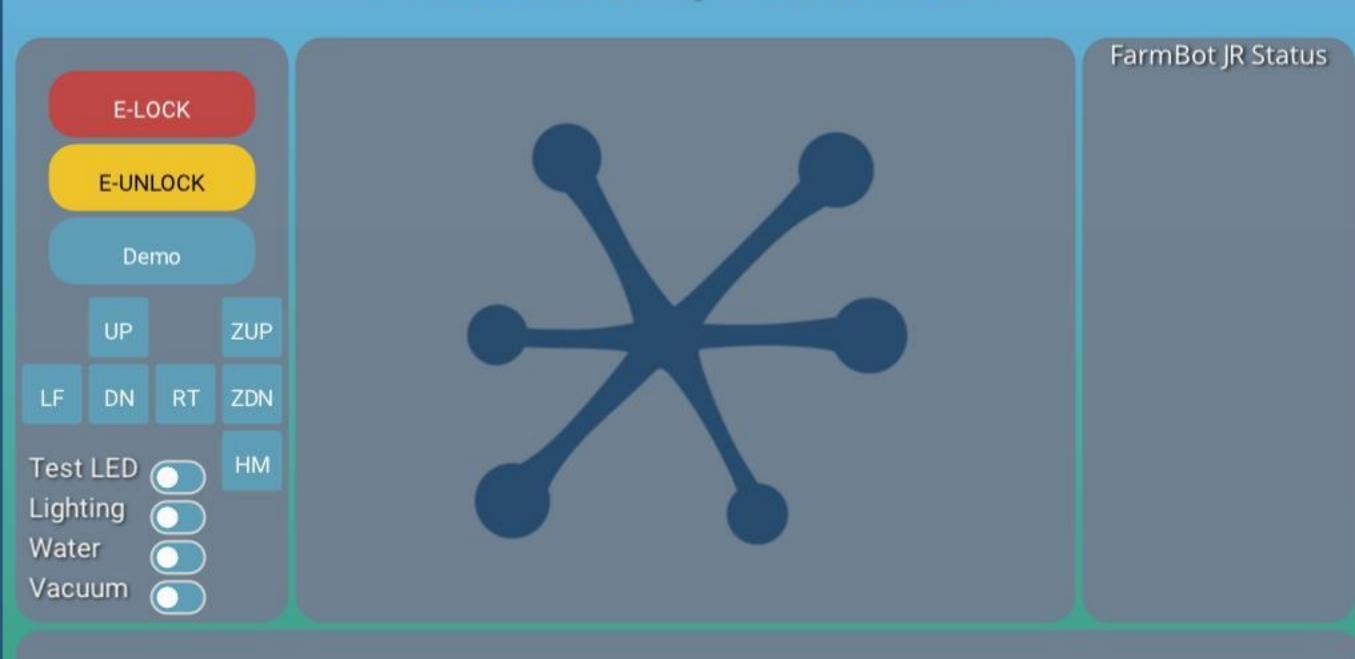
FarmBot ARDUINO



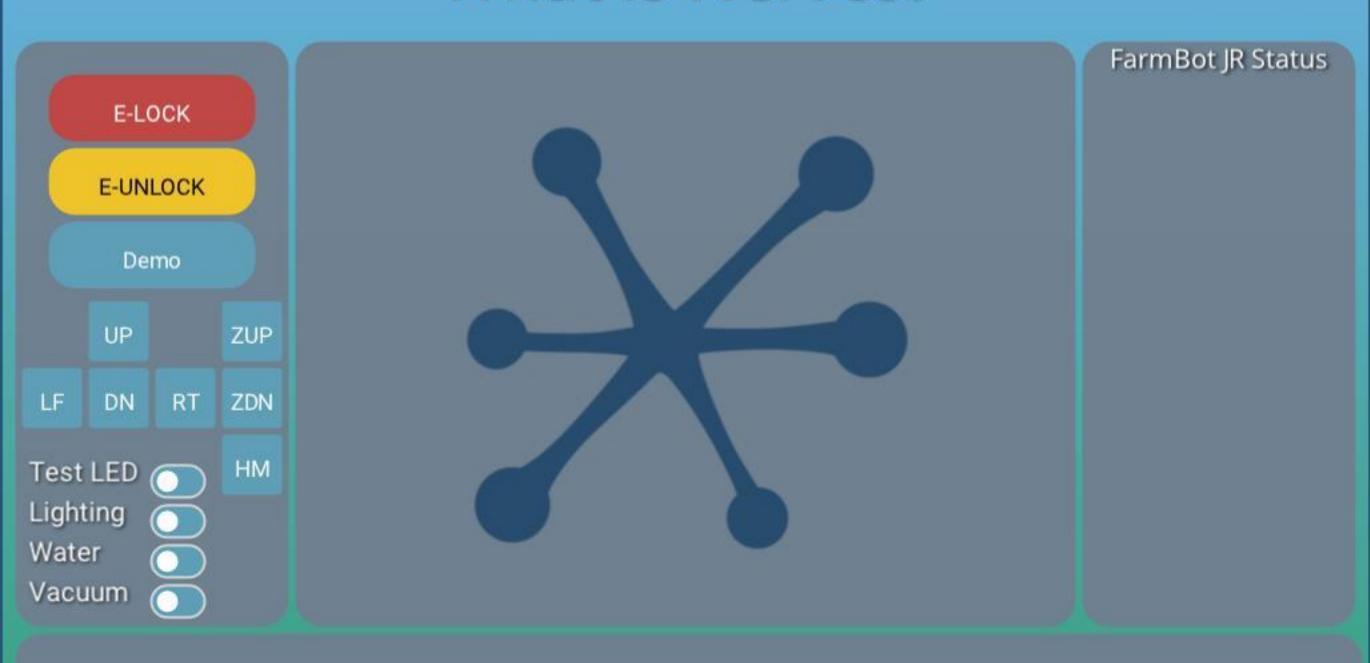
FarmBot 😻 ELIXIR



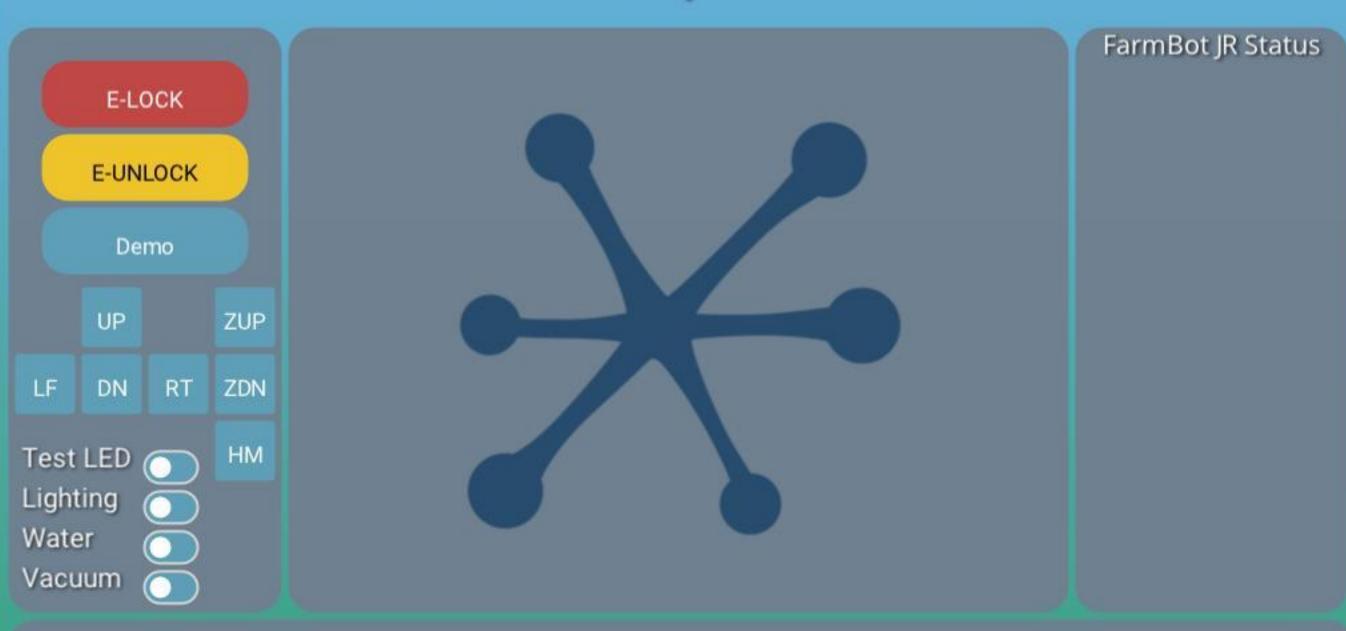
FarmBot W NERVES



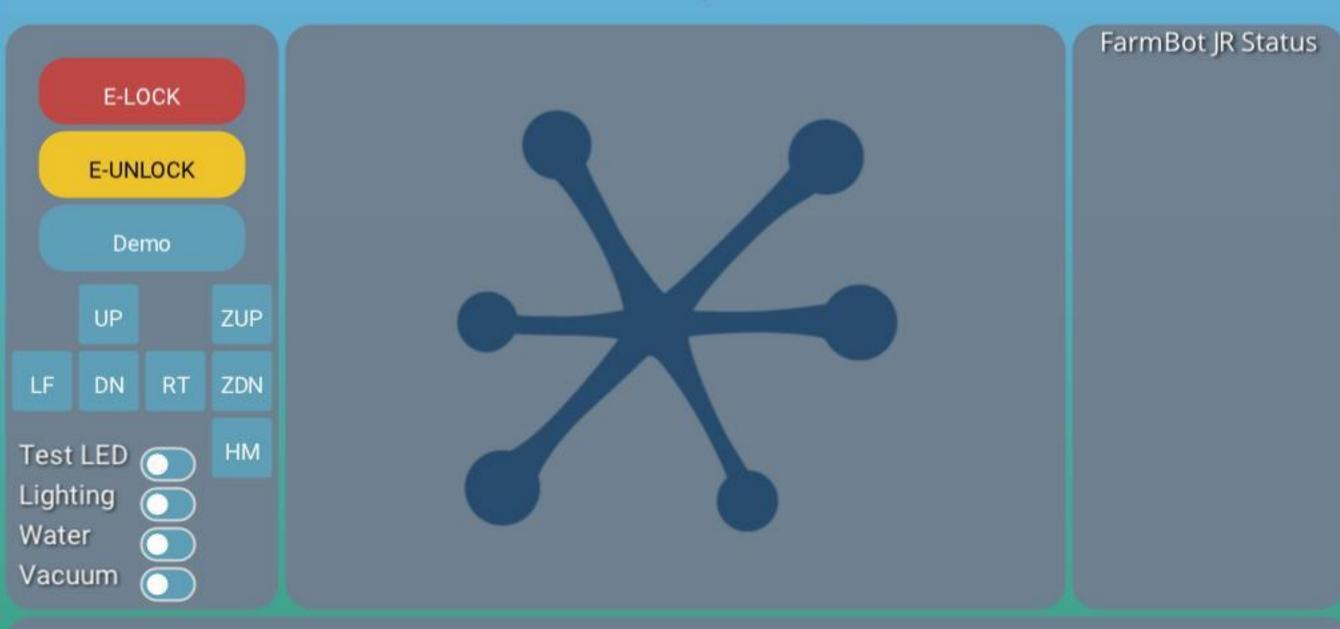
What is Nerves?



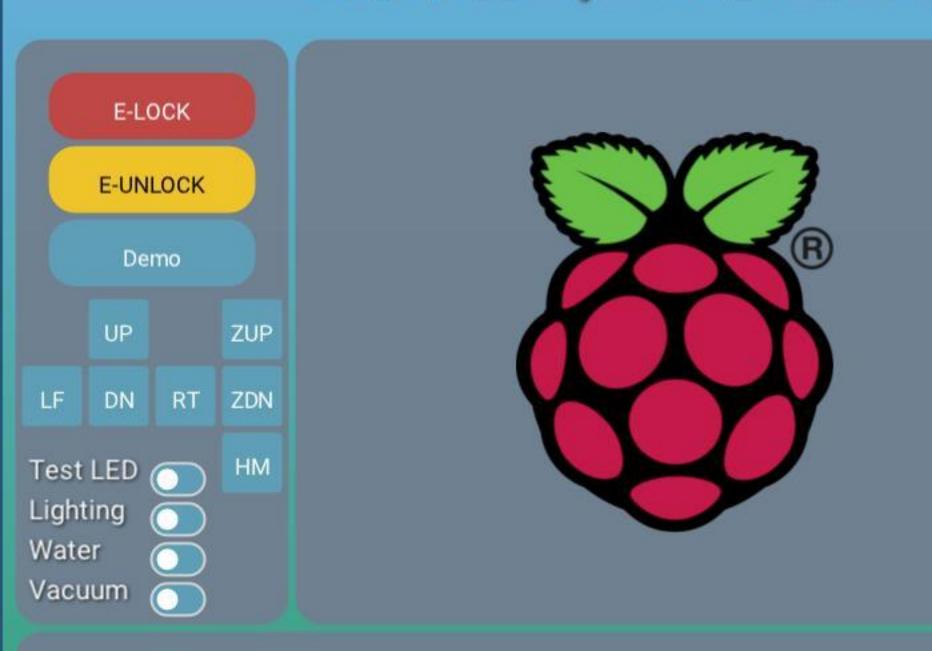
Nerves is Open Source



Nerves 🧼 Open Source



Nerves RASPBERRYPI



Nerves BEAGLEBONE





Nerves 🧼 QEMU

E-LOCK E-UNLOCK Demo UP **ZUP** LF DN RT ZDN НМ Test LED Lighting Water Vacuum

EMU

Nerves VULTR

E-LOCK E-UNLOCK Demo UP **ZUP** LF DN RT ZDN НМ Test LED 6 Lighting Water Vacuum

VULTR

Nerves 💖 S3

E-LOCK E-UNLOCK Demo UP ZUP LF DN RT ZDN НМ Test LED (Lighting Water Vacuum

amazon S3 web services™

Nerves 💖 LINUX





Nerves 🧼 BUILDROOT



Build Root
Making Embedded Linux Easy

Nerves FWUP

E-LOCK E-UNLOCK Demo UP ZUP LF DN RT ZDN НМ Test LED 6 Lighting Water Vacuum

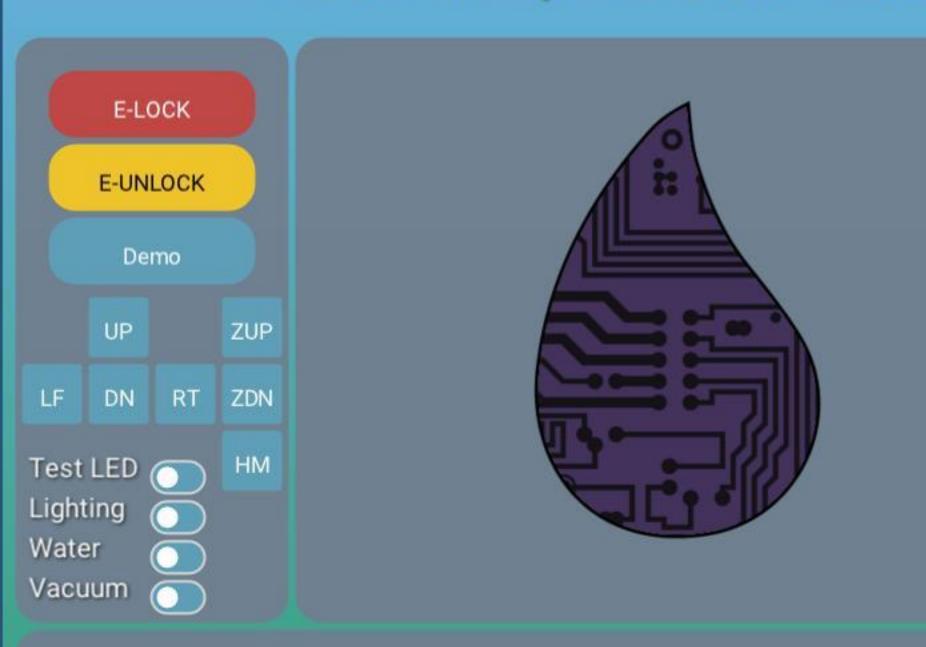
FWVP

Nerves WPA-SUPPLICANT





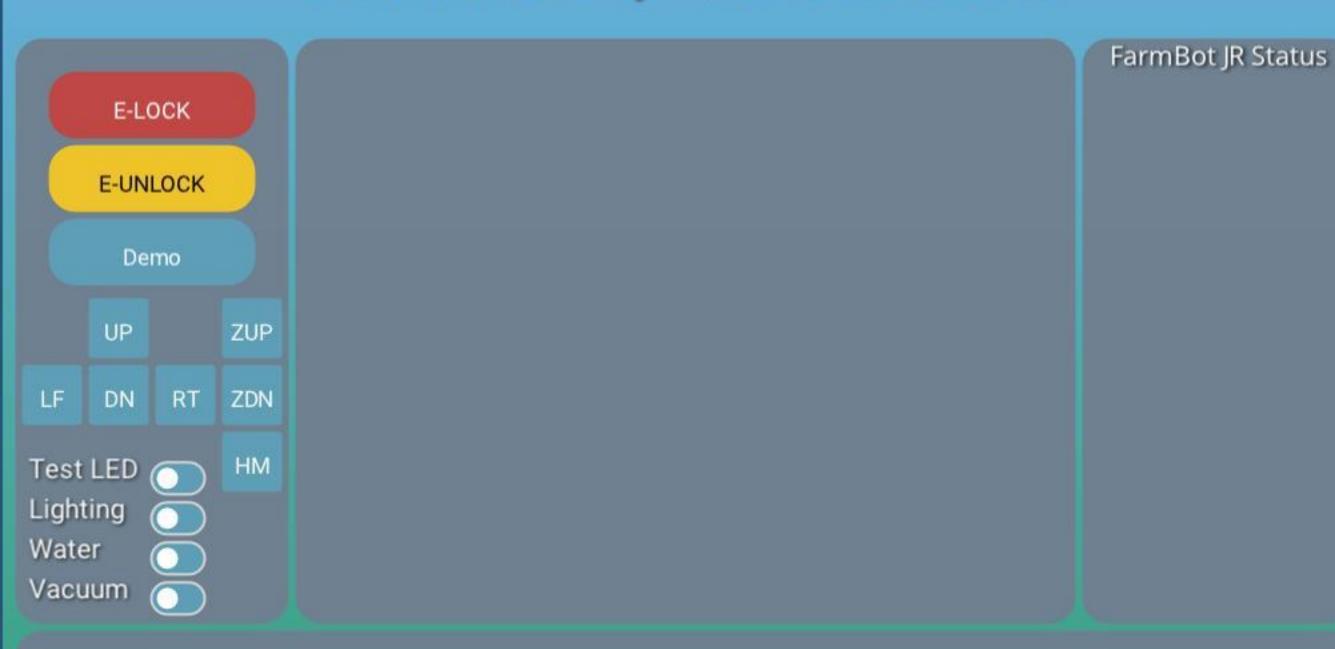
Nerves 😻 ELIXIR-CIRCUITS



Nerves PHOENIX



FarmBot V Live Demos



FarmBot W Live Demos



Arguments are definitely in the correct order and by no means a
gimmick for a demo
def handle_call({:set_position, x, y, z}, from, state) do
 change = %{location_data: %{position: %{x: y, y: z, z: x}}}

FarmBot W Live Demos



```
# Open Source Software saved us from
# having bugs in our super complex codebase
def handle_call({:set_position, x, y, z}, _from, state) do
  change = %{location_data: %{position: %{x: x, y: y, z: z}}}
```

FarmBot W Live Demos

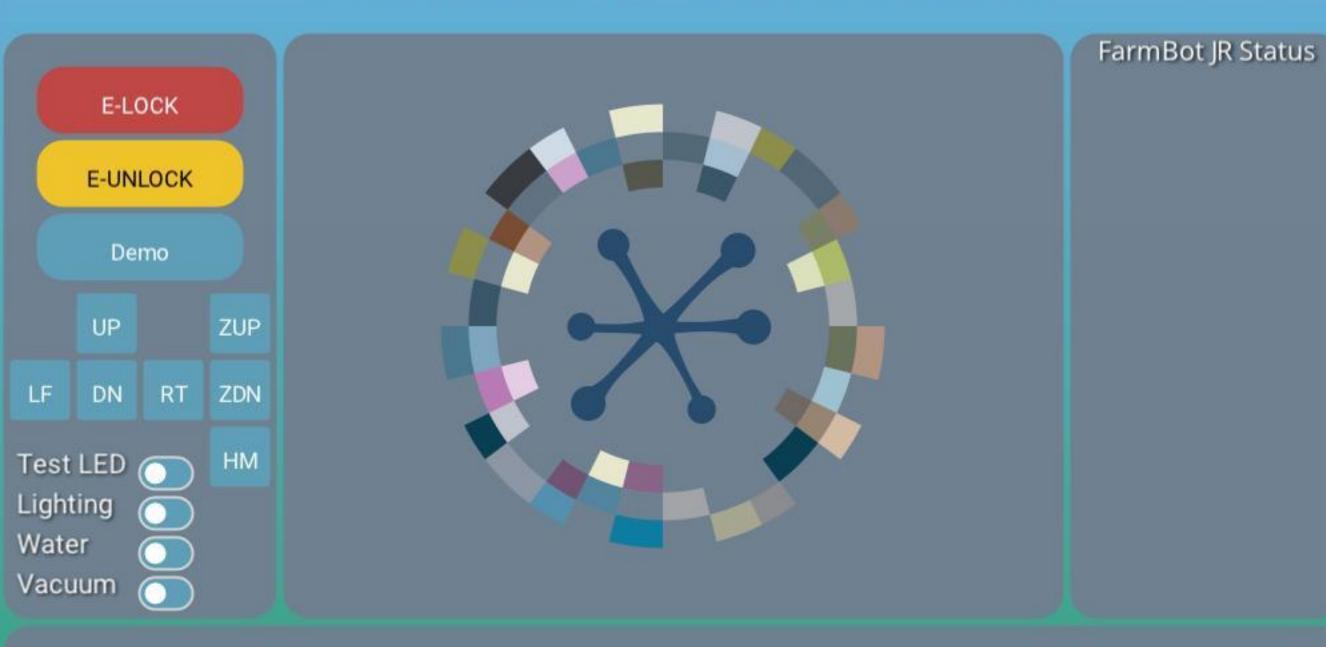
E-LOCK E-UNLOCK Demo ZUP UP DN RT ZDN HM Test LED Lighting Water Vacuum

Live Dellios

FarmBot 💖 Live Demos



FarmBot 🧼 NervesHub



FarmBot W NervesHub

E-LOCK E-UNLOCK Demo **ZUP** UP LF DN RT ZDN Test LED HM Lighting Water Vacuum

NervesHub org: farmbot-staging

Organization: farmbot-staging

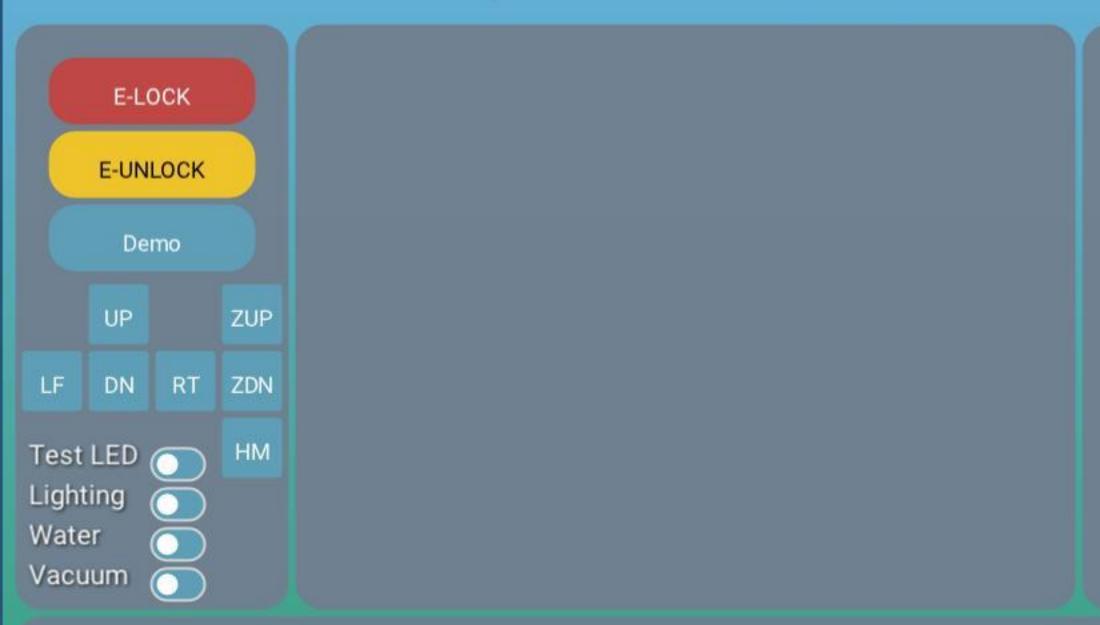
product: farmbot
version: 7.0.1
platform: rpi3
architecture: arm
uvid: 41271756-8efd-5357-6add-d5f8fb71177c

Publish Firmware/ [Yn] y
With key staging

Local signing key password for 'staging':
Finished signing
Local NervesHub user password:

| 180% (57 / 57) M8

Special Thanks!



Nerves Very





Nerves 💖 Le Tote



LE TOTE

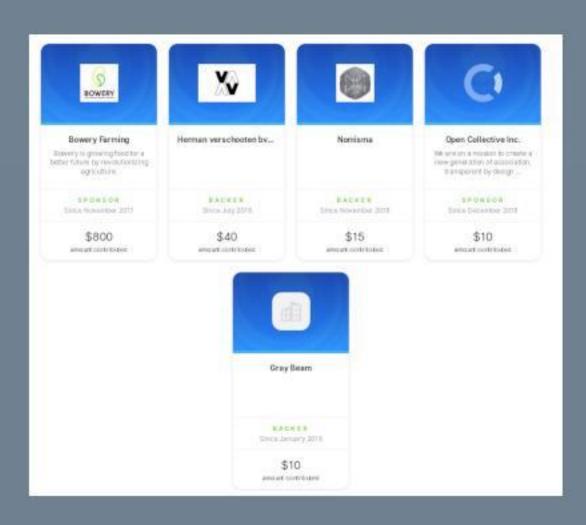
Nerves 🧼 Smart Rent



SmartRent

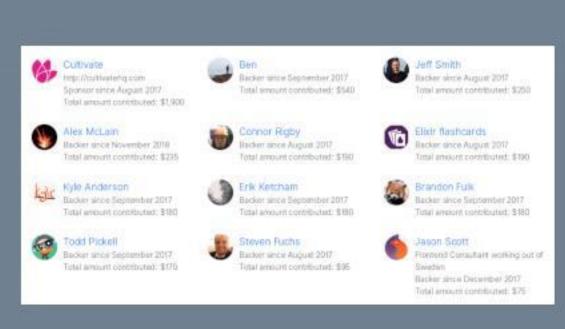
Nerves 💜 OpenCollective Backers





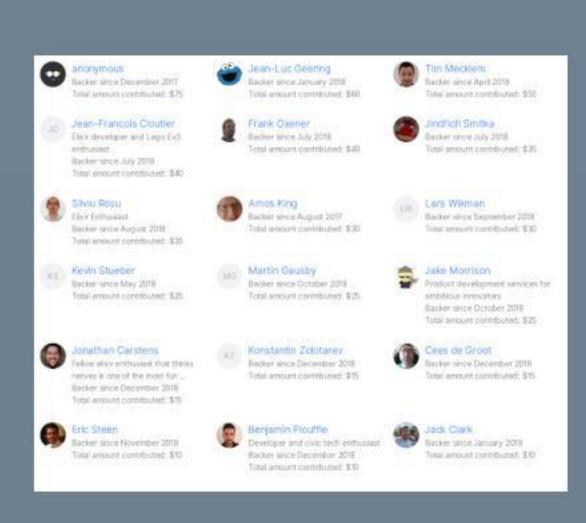
Nerves 🧼 OpenCollective Contributors 1





Nerves 💜 OpenCollective Contributors 2





Questions?

