

THE NEW REALITY.

Mozilla, the Web and IOT.

Dietrich Ayala

*Participation Leadership Summit
Singapore, January 23 2016*



mozilla

**I'D LIKE TO
INTRODUCE THE NEW
FIREFOX OS DEVICE...**

A photograph of a woman with blonde hair, smiling, lying on a light-colored wooden floor. She is surrounded by numerous electronic devices, including several laptops (laptop, tablet, and smartphone), a keyboard, and a small television screen displaying a portrait of a man. The devices are scattered around her, creating a sense of abundance.

ALL OF THEM.

MEET THE CONNECTED DEVICES:

FIREFOX DESKTOP

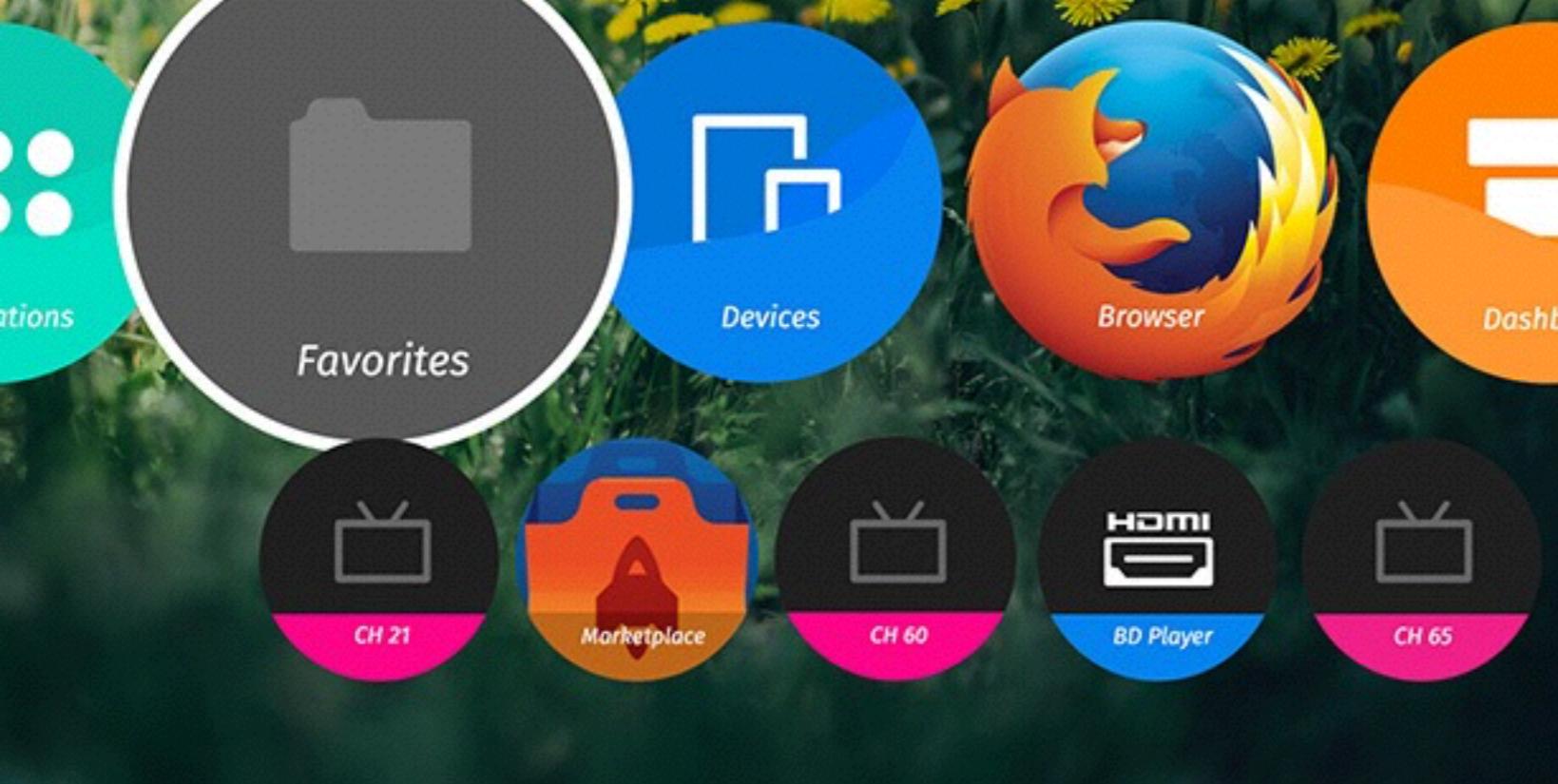
FIREFOX ANDROID & IOS

B2G / FIREFOX OS

FIREFOX ADD-ONS

DEVELOPER BOARDS

CONSUMER PRODUCTS



THE MACHINES.



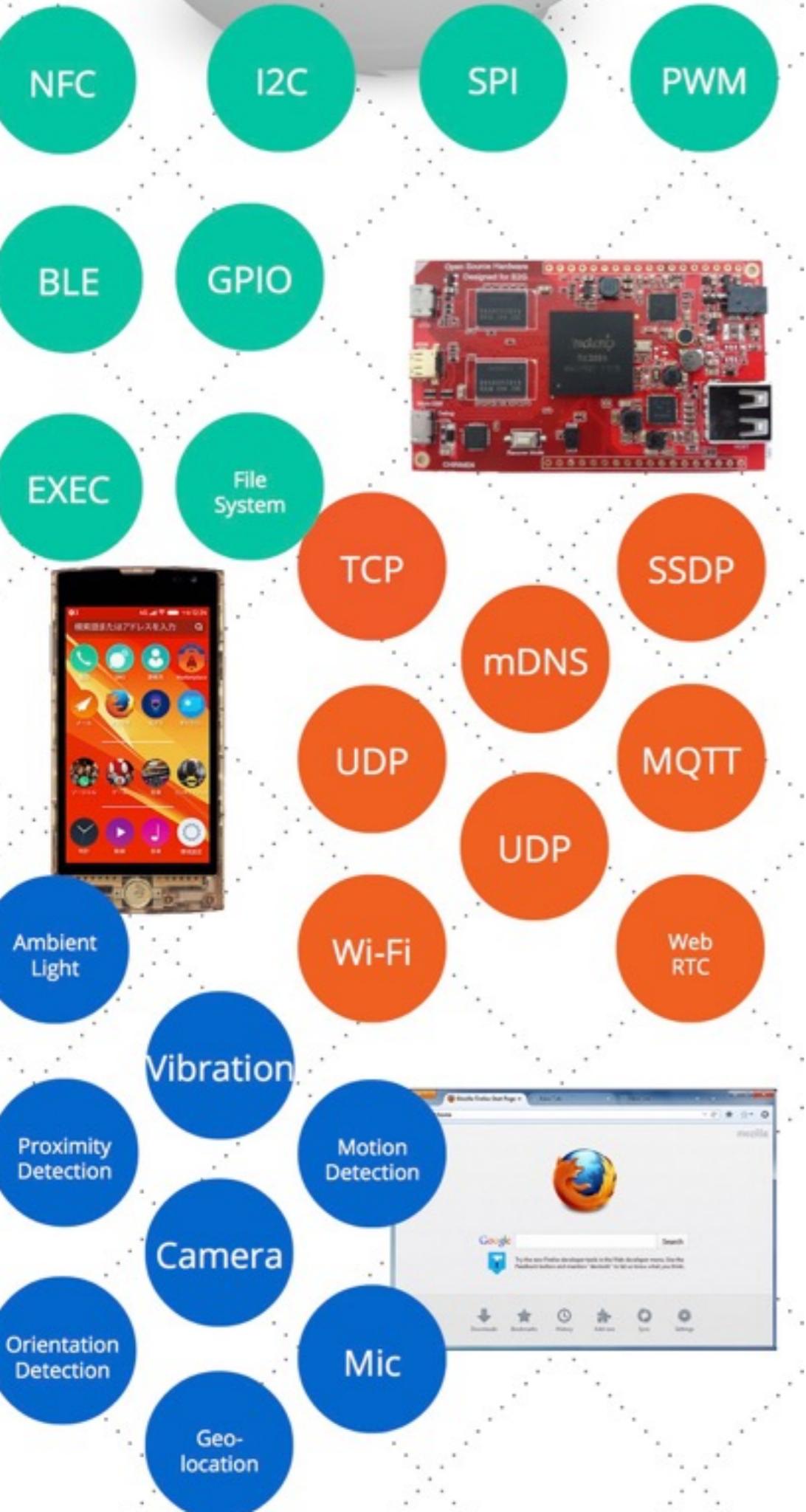
MEET THE NEW GAIA.

CONNECTIVITY.

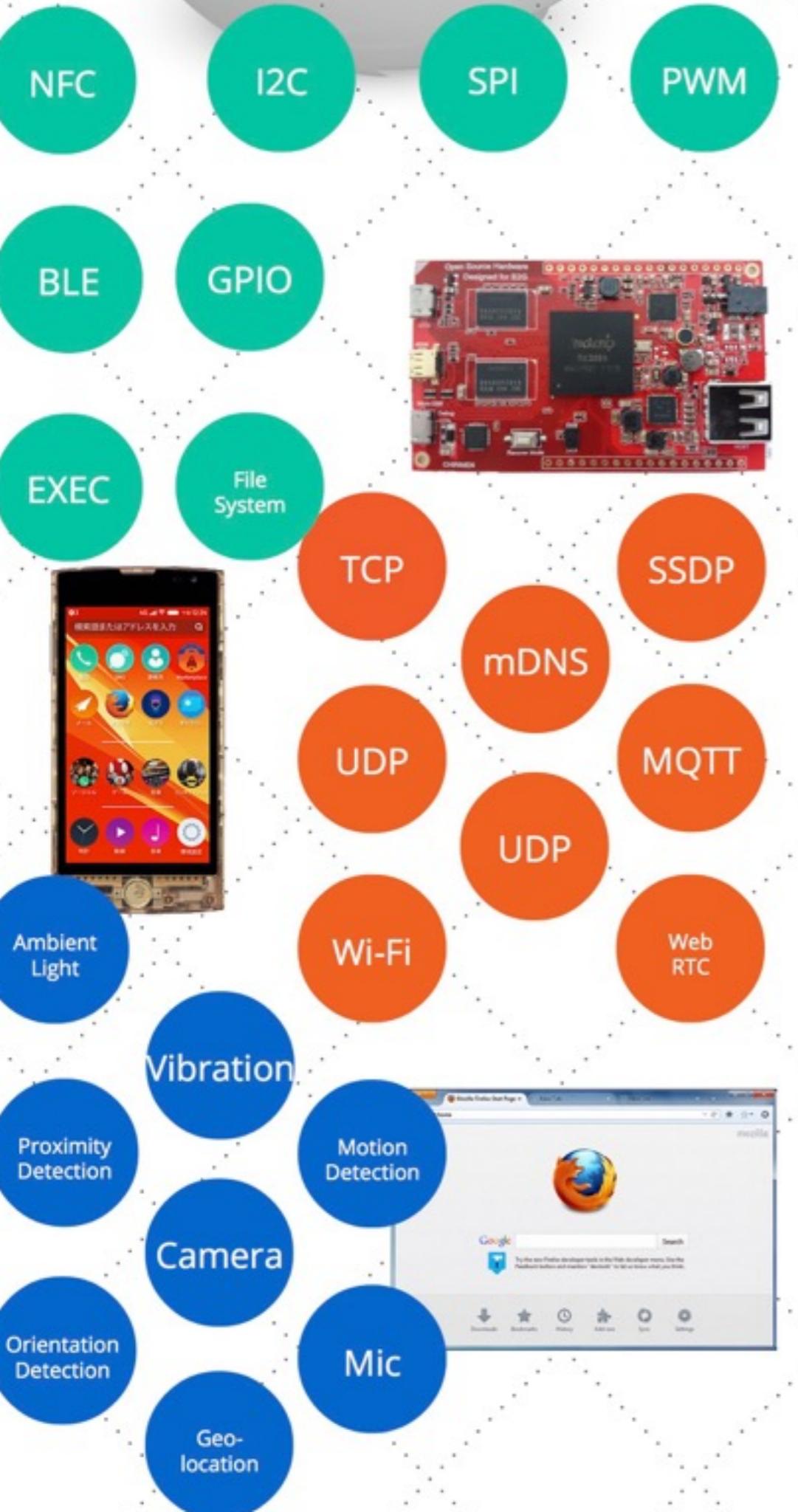
SERIOUSLY, WHAT DOES THAT EVEN MEAN?!

“CONNECTED” == DATA STORAGE.





THE APIs.



NETWORK APIs

SYSTEM XHR

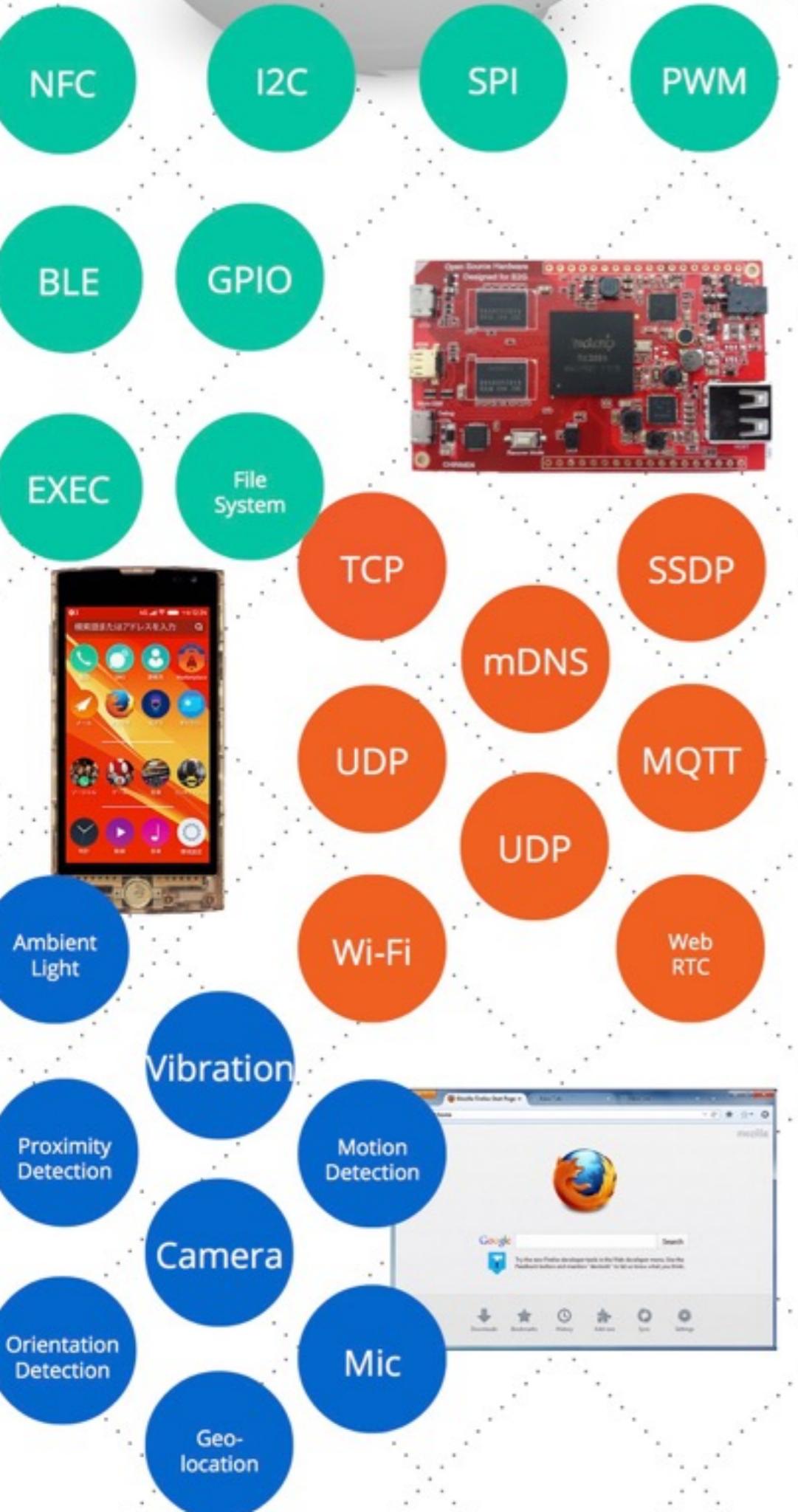
TCP SOCKET

UDP SOCKET

MDNS / BONJOUR

SSDP

DLNA



MEDIA APIs

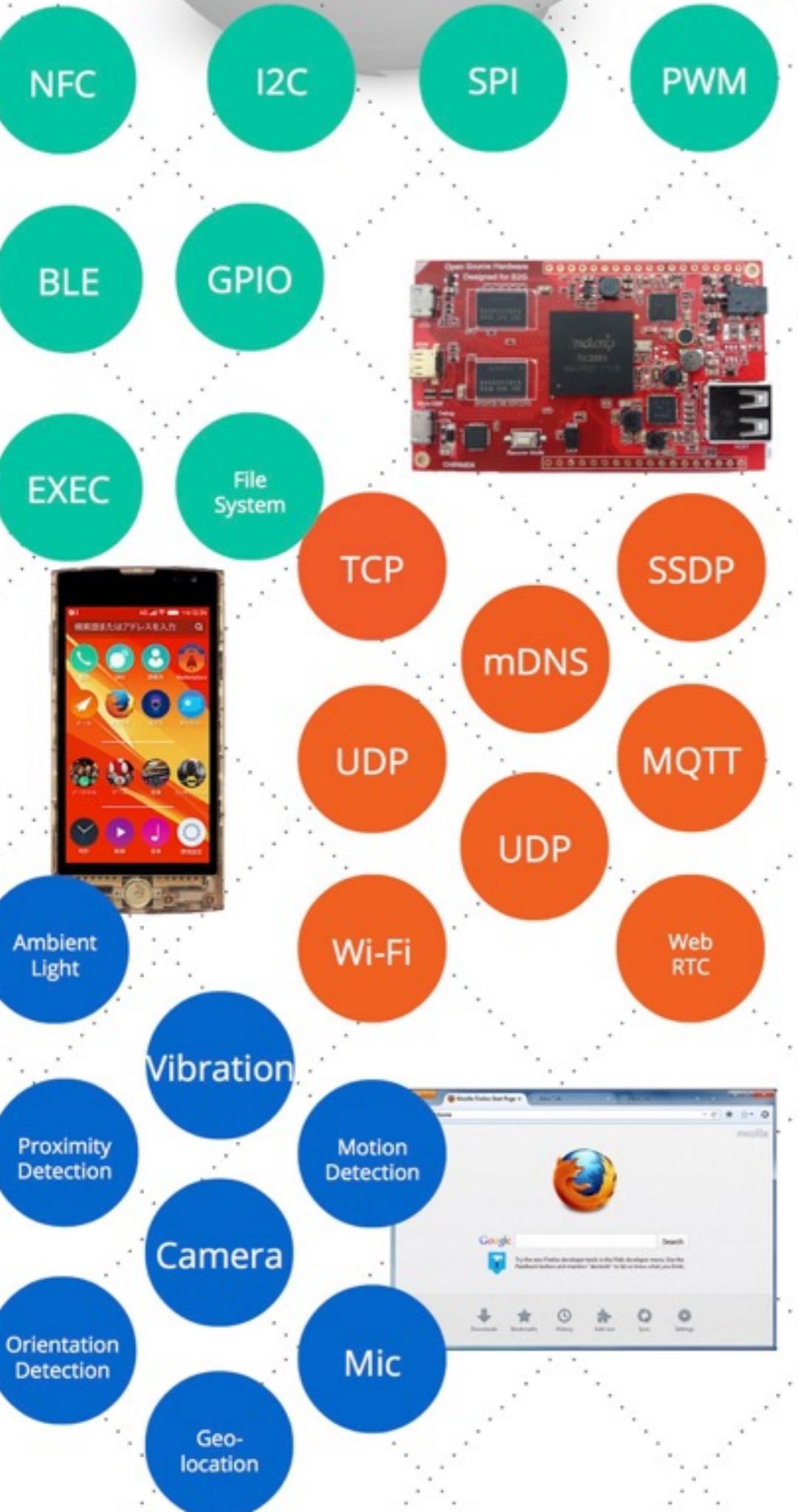
MICROPHONE

CAMERA

SPEECH RECOGNITION

SPEECH SYNTHESIS

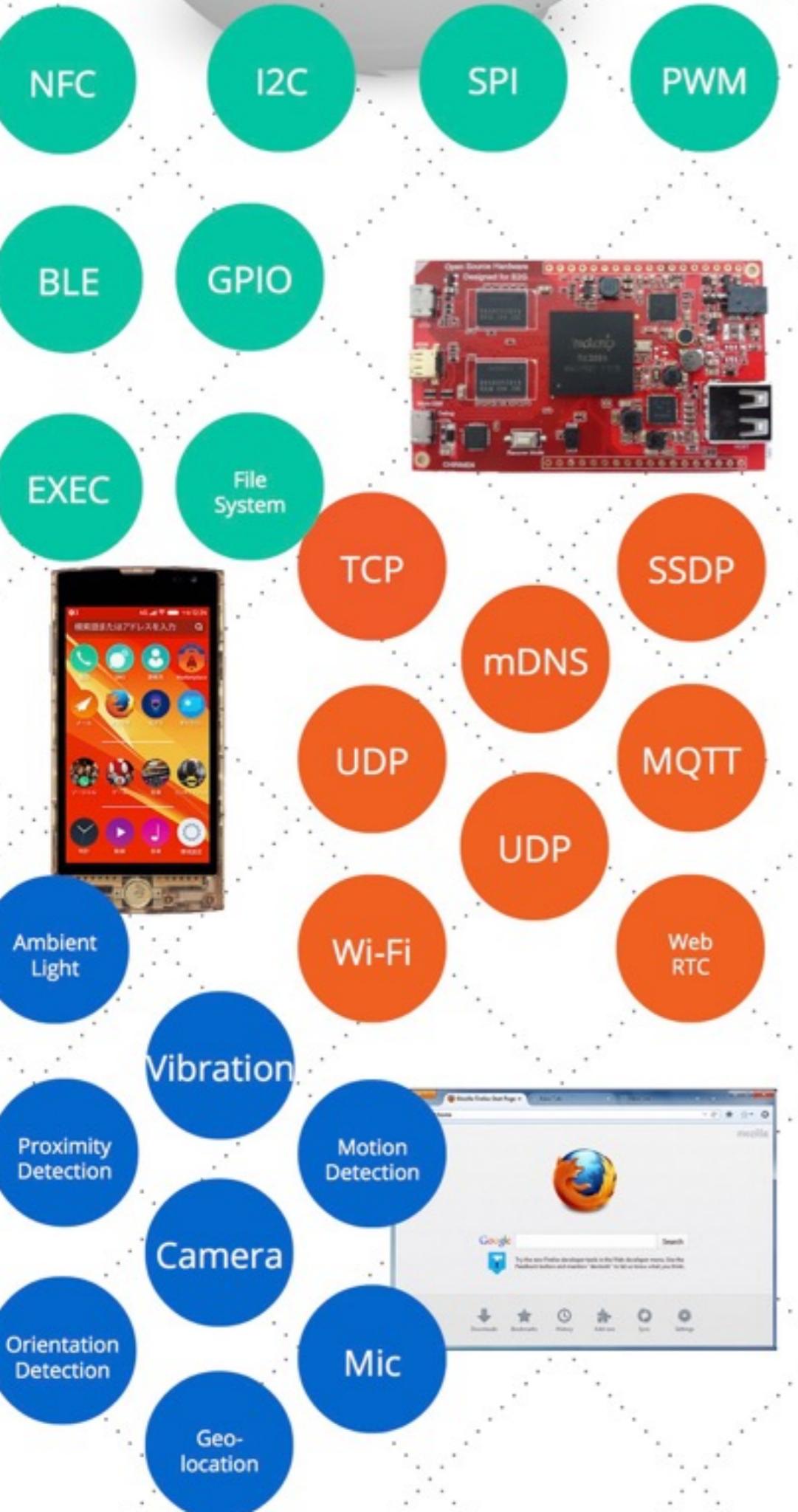
GENERATED AUDIO



PHYSICAL APIs

ACCELEROMETER
ORIENTATION

PROXIMITY DETECTION
AMBIENT LIGHT DETECTION
GEOLOCATION



EXTERNAL APIs

BLUETOOTH (LE/SMART)

GPIO / I2C / SPI

NFC

GEOLOCATION

WHAT I WANT FROM YOU.

PUBLISH YOUR IDEAS.

PLAY.

MAKE BEAUTIFUL USELESS THINGS.

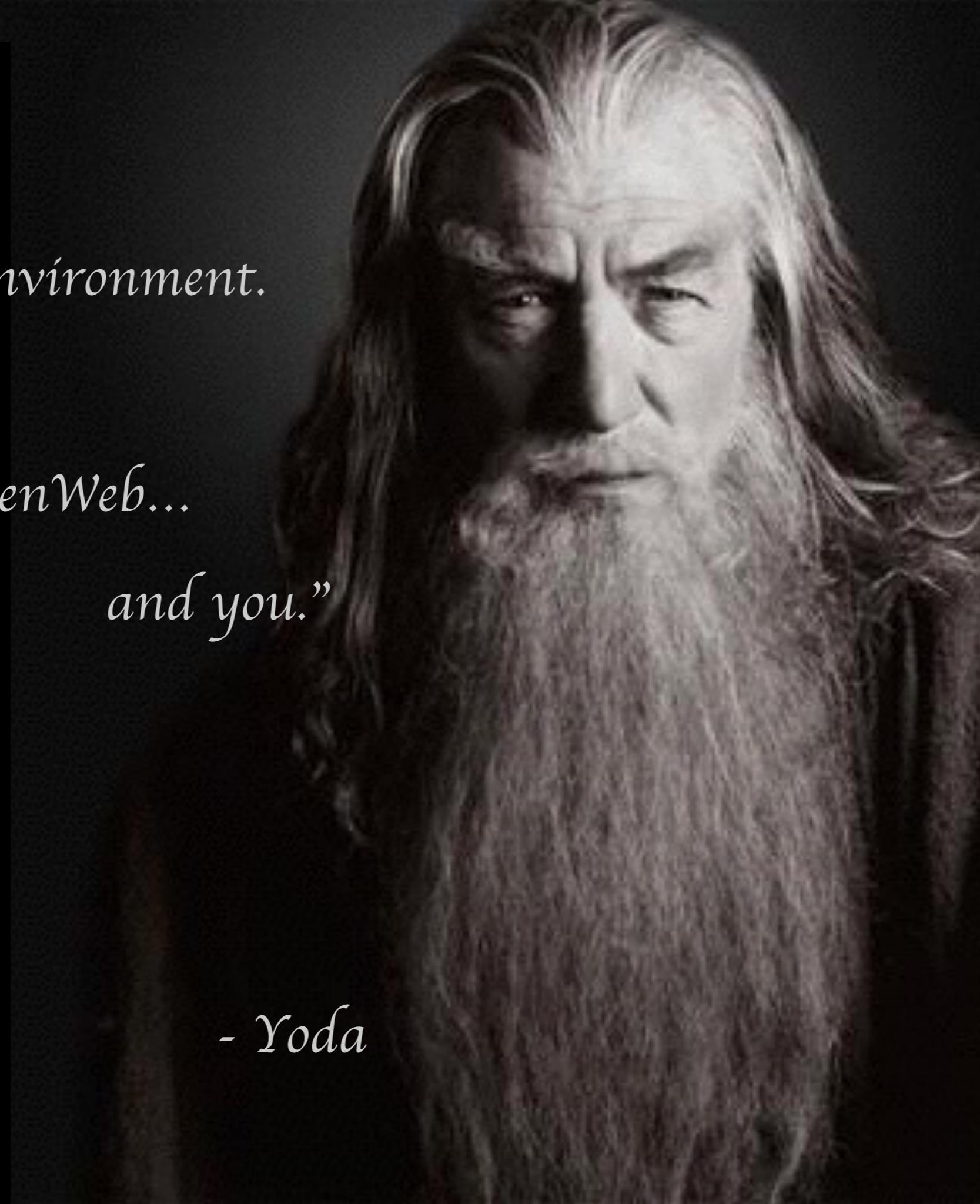
“IoT is not a product...

it's an environment.

It is devices, APIs, the openWeb...

and you.”

- Yoda





THANK YOU.