

Software-defined everything

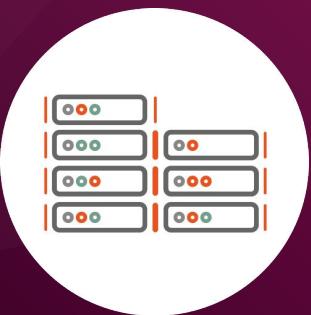
Mark Shuttleworth



Open Source Everywhere



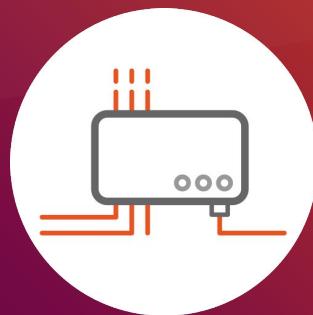
Public Cloud



Datacenter

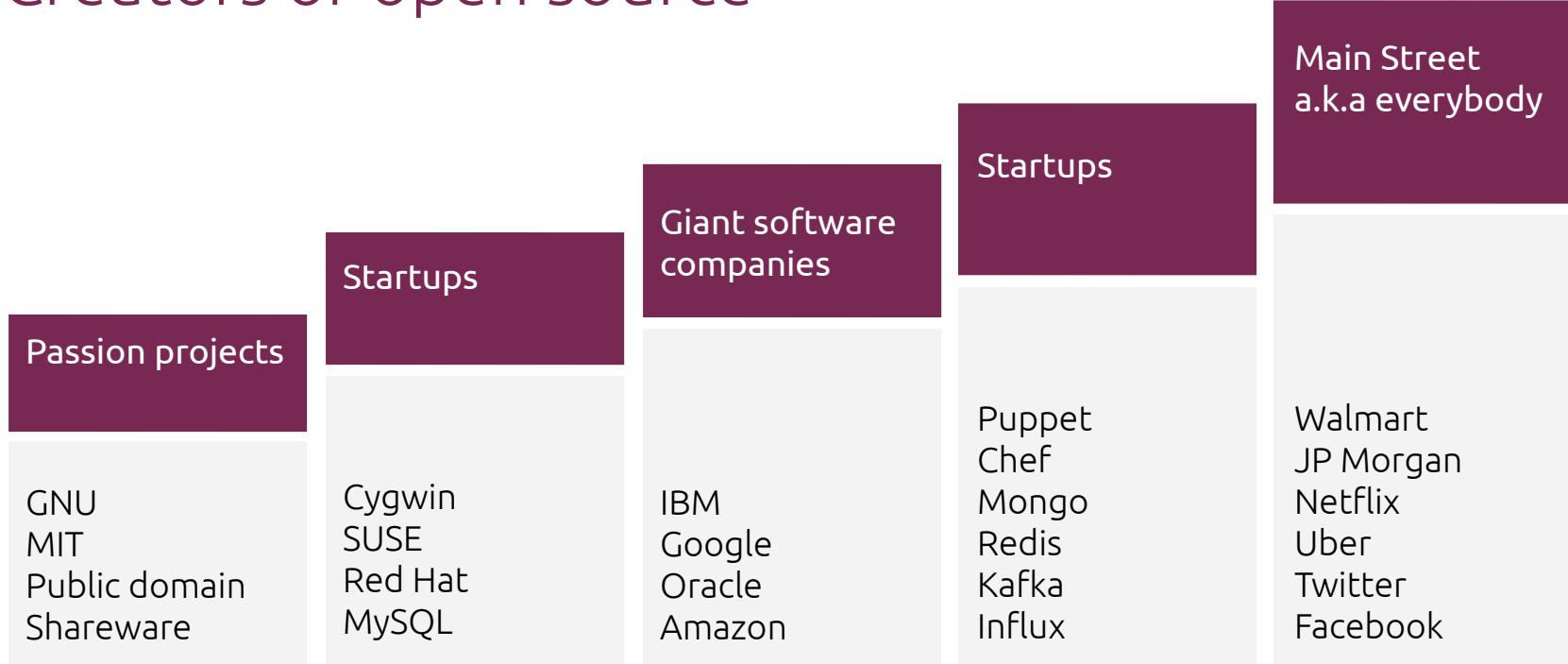


Edge Cluster



Internet of Things

Creators of open source



Imitating

Pioneering

Improving open standards with open source

Beyond FRAND with copyleft spectrum



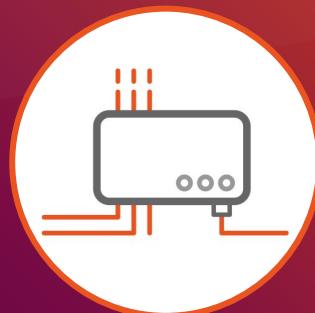
Public Cloud



Datacenter



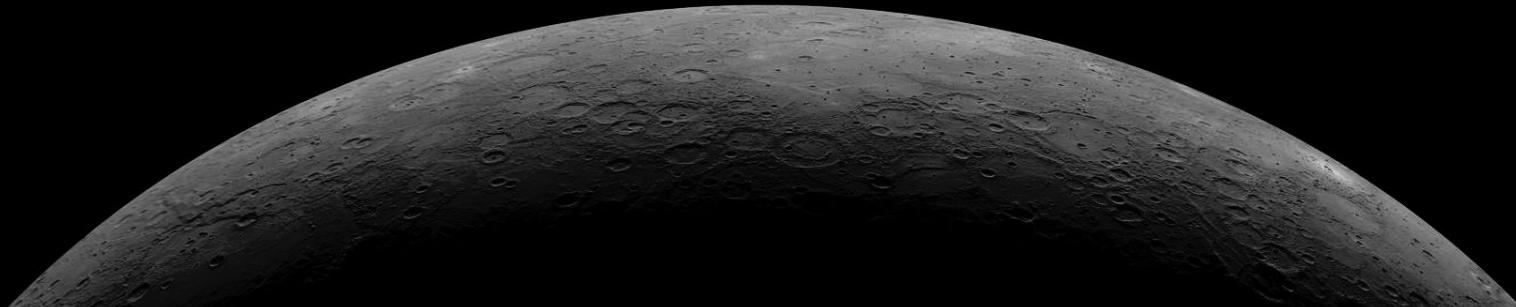
Edge Cluster



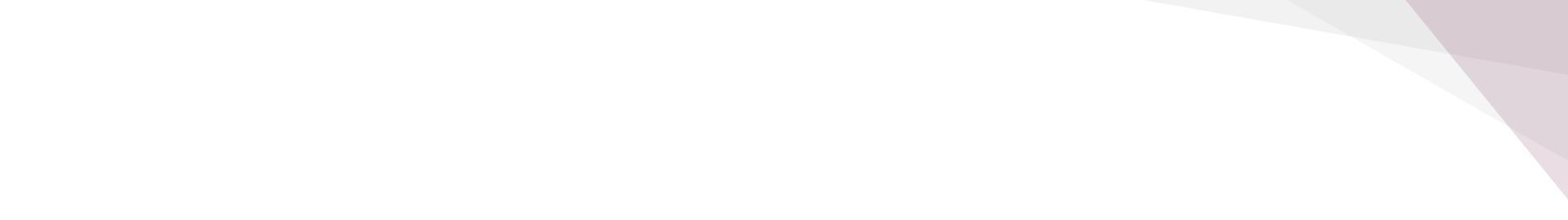
Internet of Things

#Apollo50th

One giant leap.



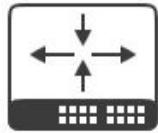
Embedded Linux 2.0



Super Smart and Super Secure



Transportation



Networking



Industrial



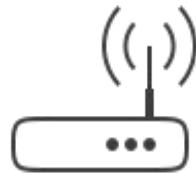
Digital Signage



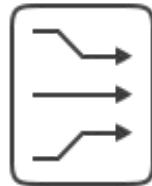
Smart drone
controllers



Advanced robotics



Home gateways



Edge gateways



Built-in security and app store



e-on



rexroth
A Bosch Company



SIEMENS

A large, blue充气马 (inflatable horse) is positioned in a workshop or laboratory. The horse is deflated, showing its internal structure of blue tubes and orange support frames. It is connected to various hoses and valves. In the background, there are wooden shelves, a metal staircase, and other equipment. A white rectangular box with the word "CANVAS" in black capital letters is overlaid on the center-left portion of the image.

CANVAS



JABIL





SmartNICs

Bai^{du} 百度 | apollo



From the desktop to embedded Linux



An app store for Linux

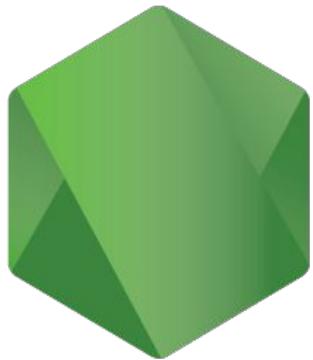


snapcraft





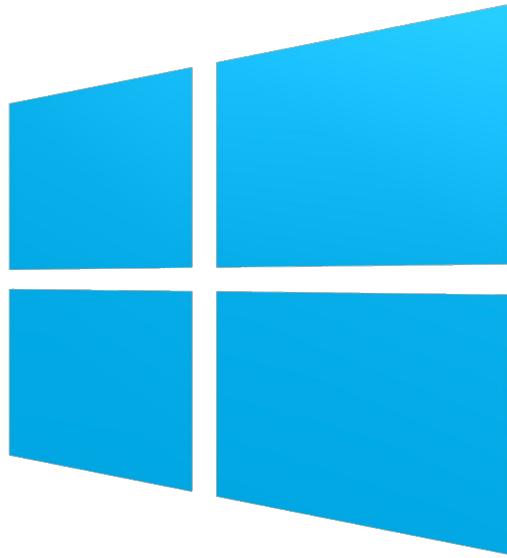
Google Cloud



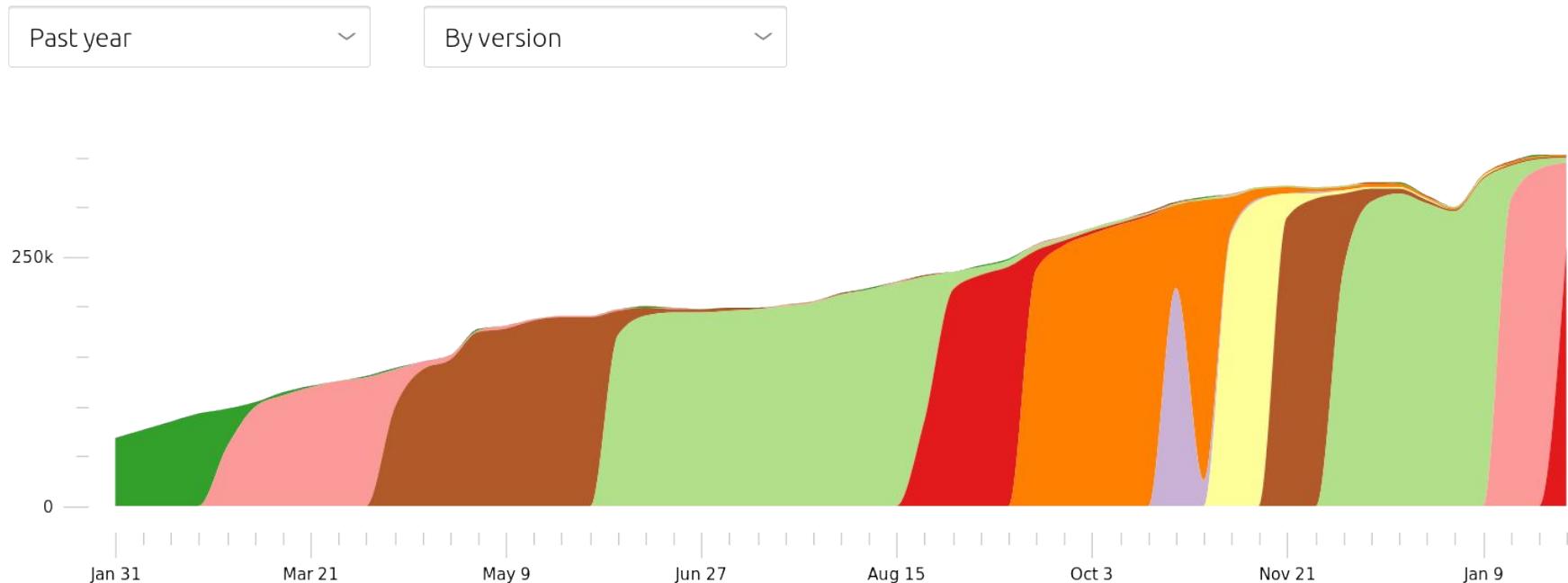


Travis CI





Real-time publisher metrics

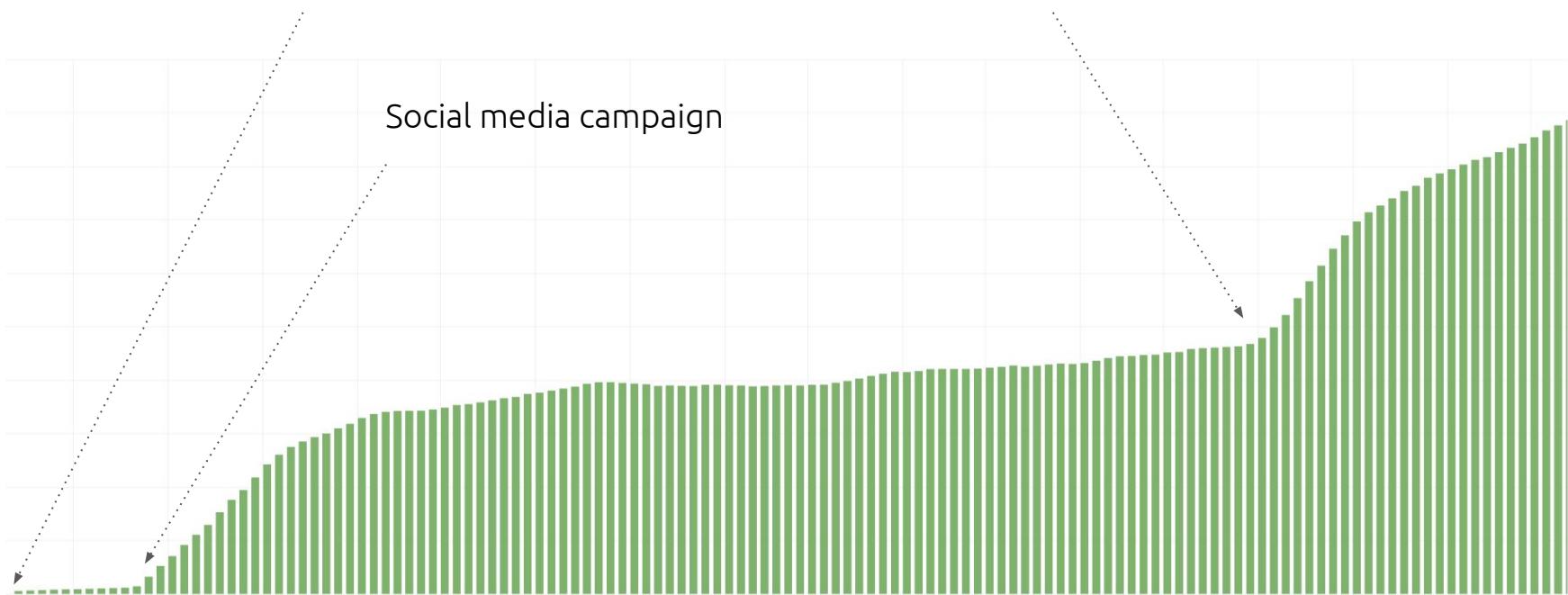


Real-time publisher metrics

Published in the store

Featured in the store

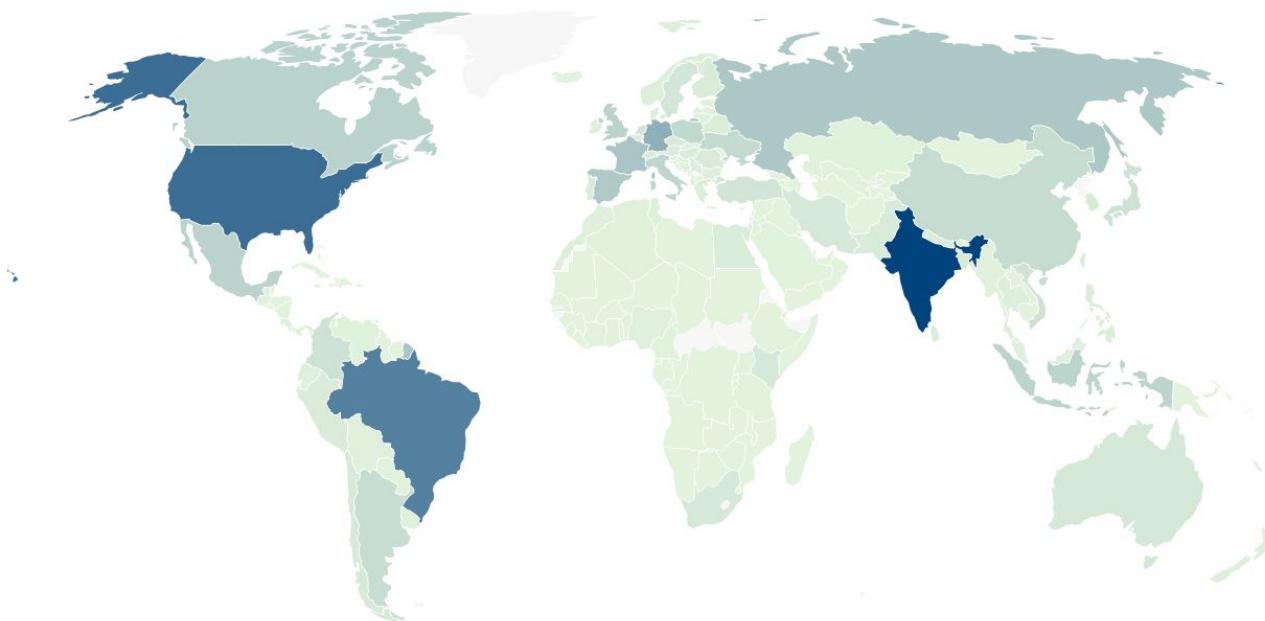
Social media campaign



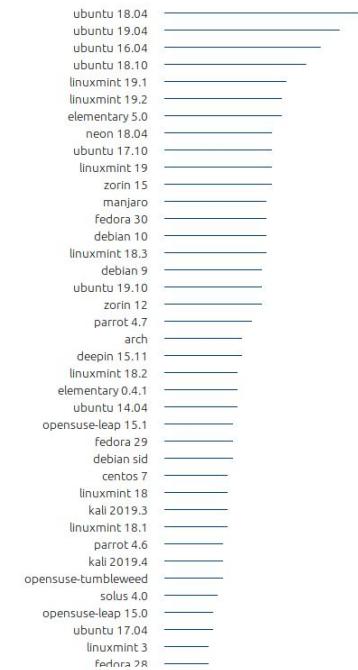
Real-time publisher metrics

Territories

188



Users by distribution (log)

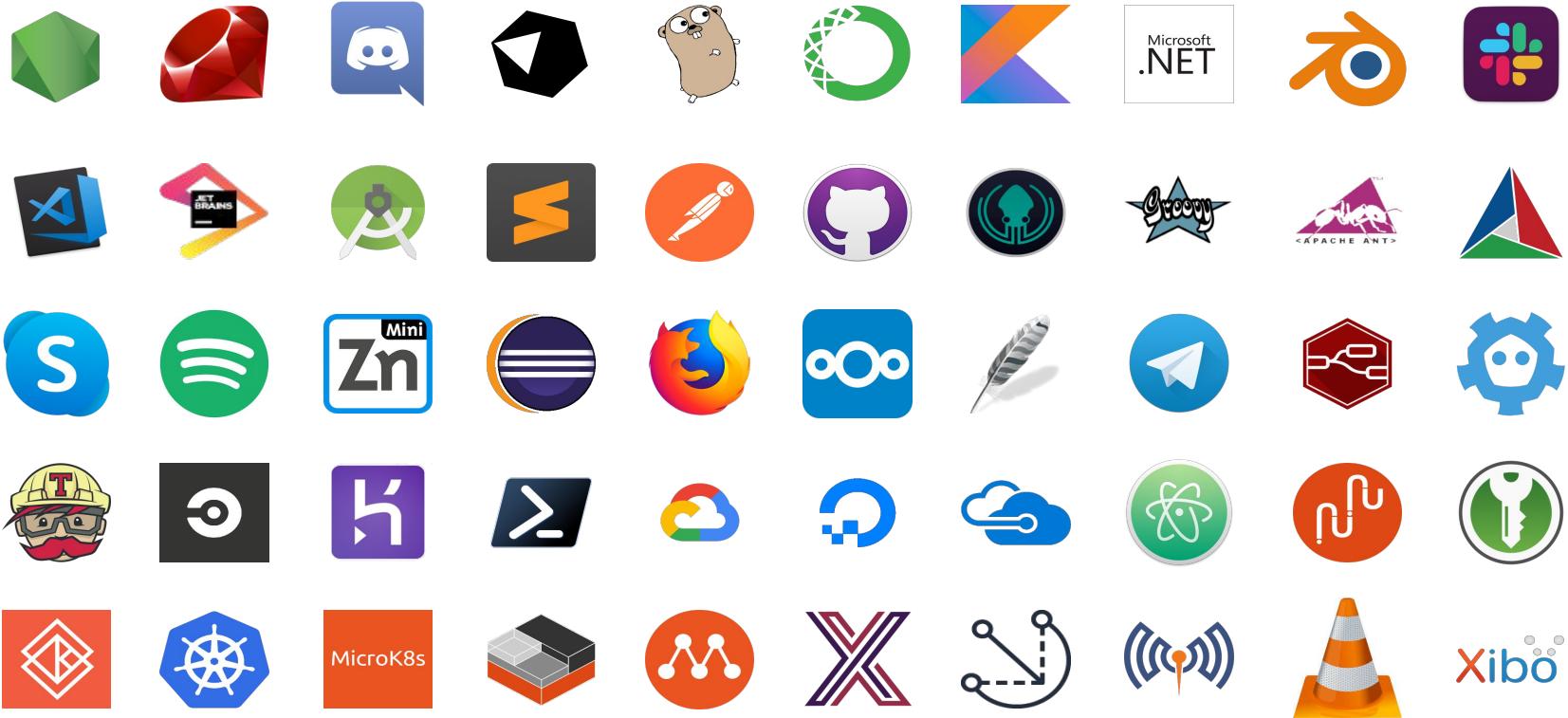


6109 snaps

+45%

2708 developers

+36%



Strict Confinement



Ultra-reliable Updates

Rethinking embedded Linux



Core

DevOps for devices

Automation

You receive a pull
request on GitHub



Test with Travis or
other CI system



The code lands on
your GitHub master



Snapcraft builds a
new snap version



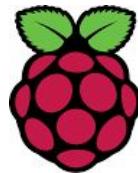
Auto-released to the
snap store for testing



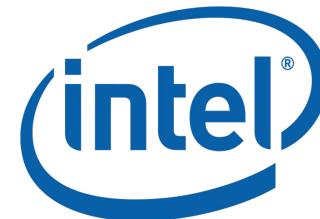
You promote to beta /
candidate / stable



Supported Silicon



Raspberry Pi®



Smart Appliances IoT



ubuntu[®]core

Thank you. Questions?

