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# Open Infra Days 2019: what you have lost

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OID19 is the Italian edition of Open Infrastructure Days 2019,  
formerly OpenStack Days 2-3 October Milan + Rome





# OpenStack Foundation

Promotes and sponsors every year, in many of the 187 countries where it is active,

community events for discussing of open infrastructure.

The aim of OpenStack foundation, born in 2012, is to serve developers, users, and the entire open infrastructure ecosystem by providing a set of shared resources to:

- build community
- facilitate collaboration
- support integration of open source technologies



# New name!

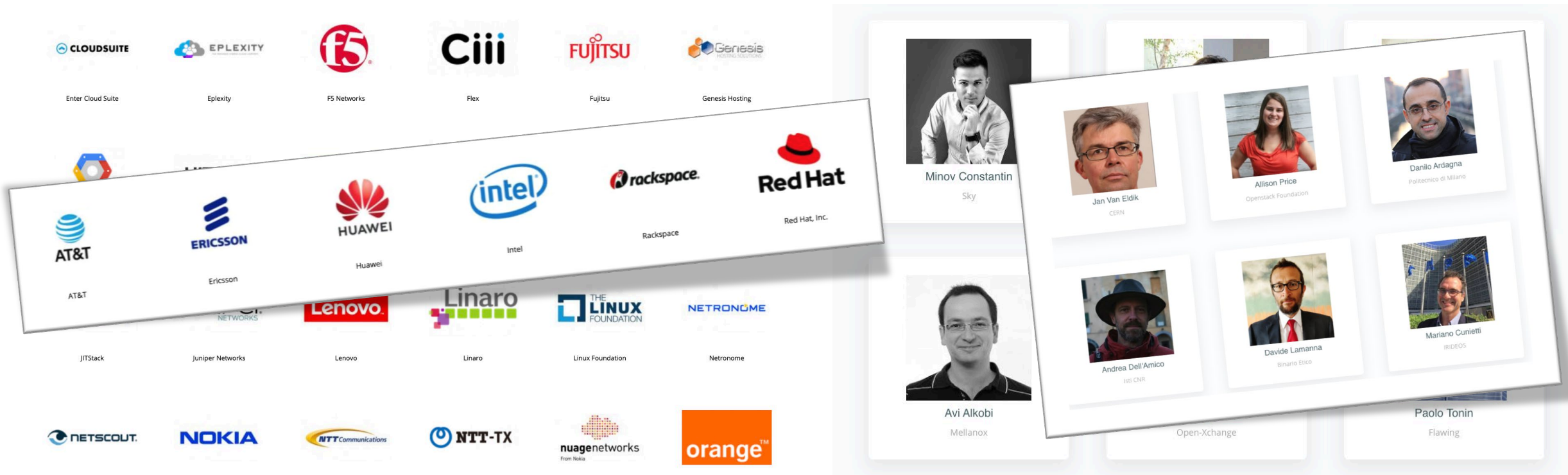
OpenStack community has changed name in OpenInfra and this is done to span from pure Cloud (i.e. network, computing and storage as a service, or "software defined") to neighboring application scopes such as

- Container Infrastructure (with Kata Containers),
- CI/CD (with Zuul)
- Automation (with Airship)
- Edge Computing (with StarlingX).



# Ecosystem

- The list of companies supporting OpenStack is quite long and almost everyone with a relevant weight.
- The aim of these supporters is only one: cooperate for building an alternative.
- Alternative to... you guess! :-)
- How to make that is pretty clear too: through collaborative Open Source.



# Open Source

The implications of such an approach go beyond the mere choice of a language.

They rather concern and actually shape an entire ecosystem and its organisation:

- The way to work together
- The way to take decisions
- The flow of information among equal peers

are very different than what a single organisation (or vendor) could ever even think of applying via a hierarchic approach.

It is based on assumptions that are essential for veterans.



# From consumers to citizens

It is a cultural fact, which modifies not only the way people work (i.e. what I do), but how to take part (i.e. what I am) to the creation of a product/service.

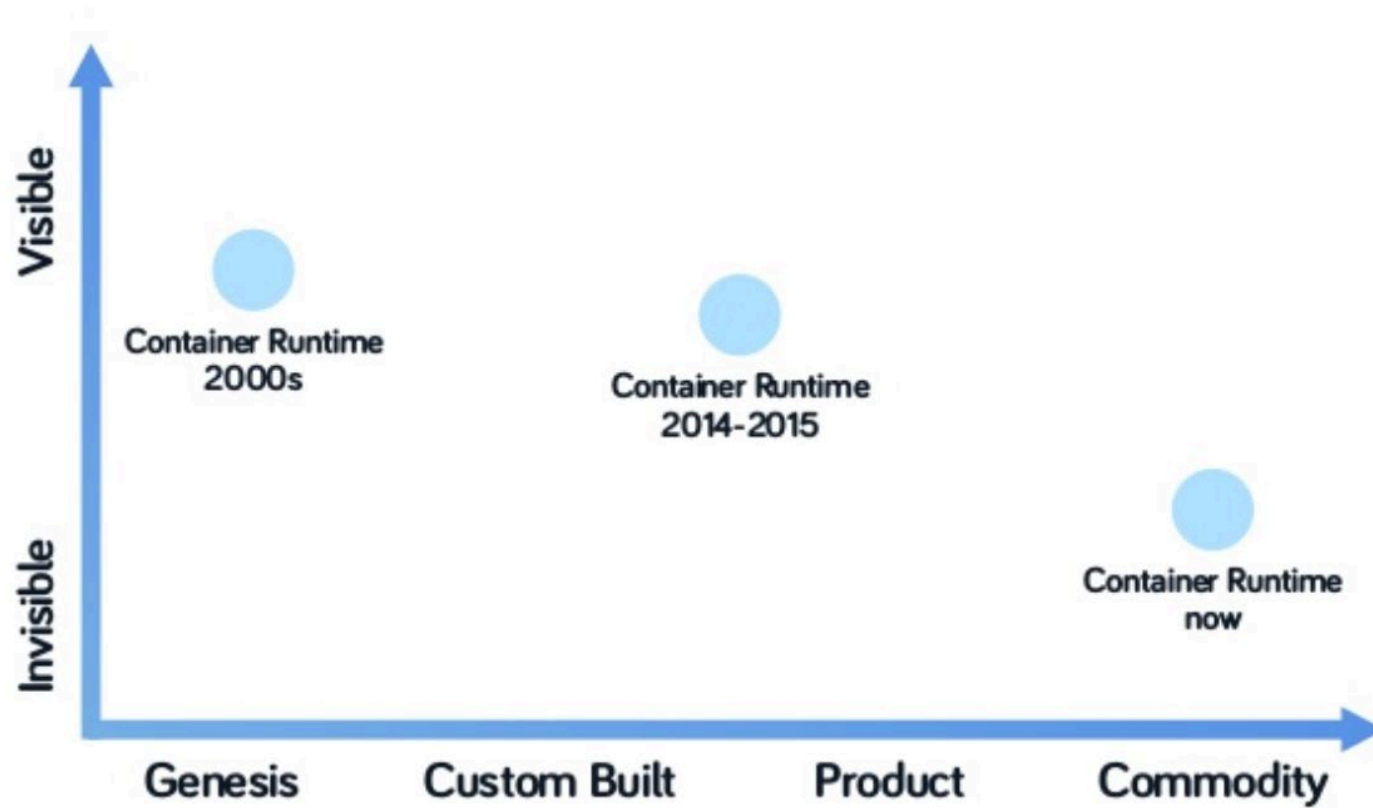
Collaborative Open Source is a way to shift technician role from consumers to citizens.

For us, dealing with digital cities, this is a political fact. It starts to be so for our governments too, both national and European, who seem to finally transpose this in recent initiatives.





# Open Source



# OpenInfra Tech programme

But OpenInfra is also a technological fact:

- Kubernetes is pushing infrastrucutre abstraction upwards
- containers are invading IT world as millions of small coloured balls
- automation is a crossroads between surviving or dying
- Edge Computing is taking cloud paradigm and spreading it all around it on a geographical scale, seeking the perfect join with 5G and new networks.

An enormous operating system, standard, automated and distributed is taking more and more shape.

Applications are deployed close to things, for the things.

So after a long centripetal phase towards datacenter and cloud, here we go back to centrifugal pushes, as Andrew Tanenbaum (the father of modern IT) had predicted, in his famous book Operating Systems.



# BREAKFAST CHANNEL

Grazie



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