



# ECLYPSE

# Simplifying Cloud-Edge simulations with Python

Valerio De Caro

valerio.decaro@di.unipi.it

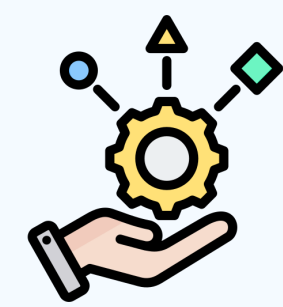


Jacopo Massa

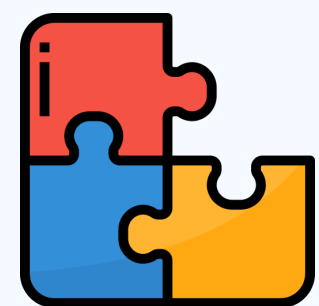
jacopo.massa@di.unipi.it

Department of Computer Science, University of Pisa, Italy

## WHY ?



Cloud-Edge continuum is *heterogeneous*, *dynamic* and *QoS-sensitive*

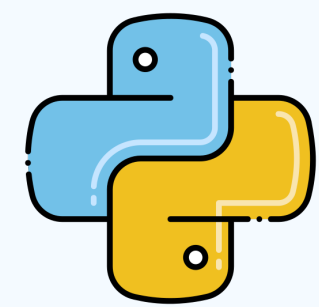


Simulation is *not enough*

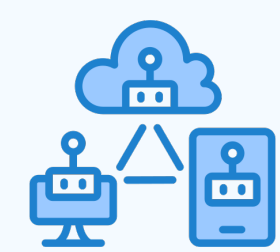


Lack of *user-friendly* and *accessible* tools that easily capture the environment complexity

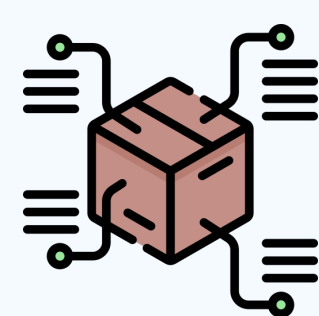
## WHAT ?



A Cloud-Edge *Python platform* for simulated/emulated runtime environments

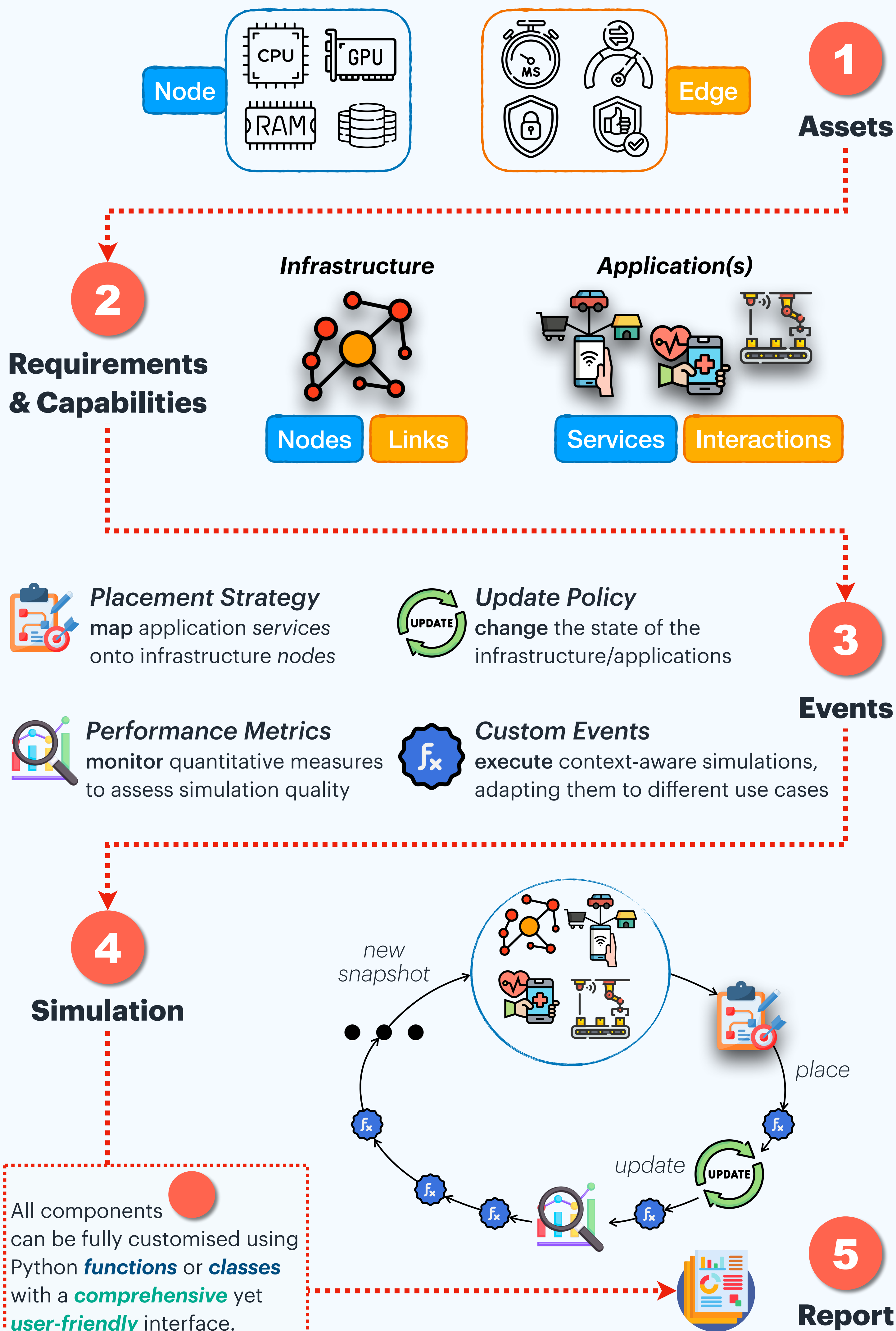


Designed to *manage*, *monitor* and *test* complex Cloud-Edge scenarios

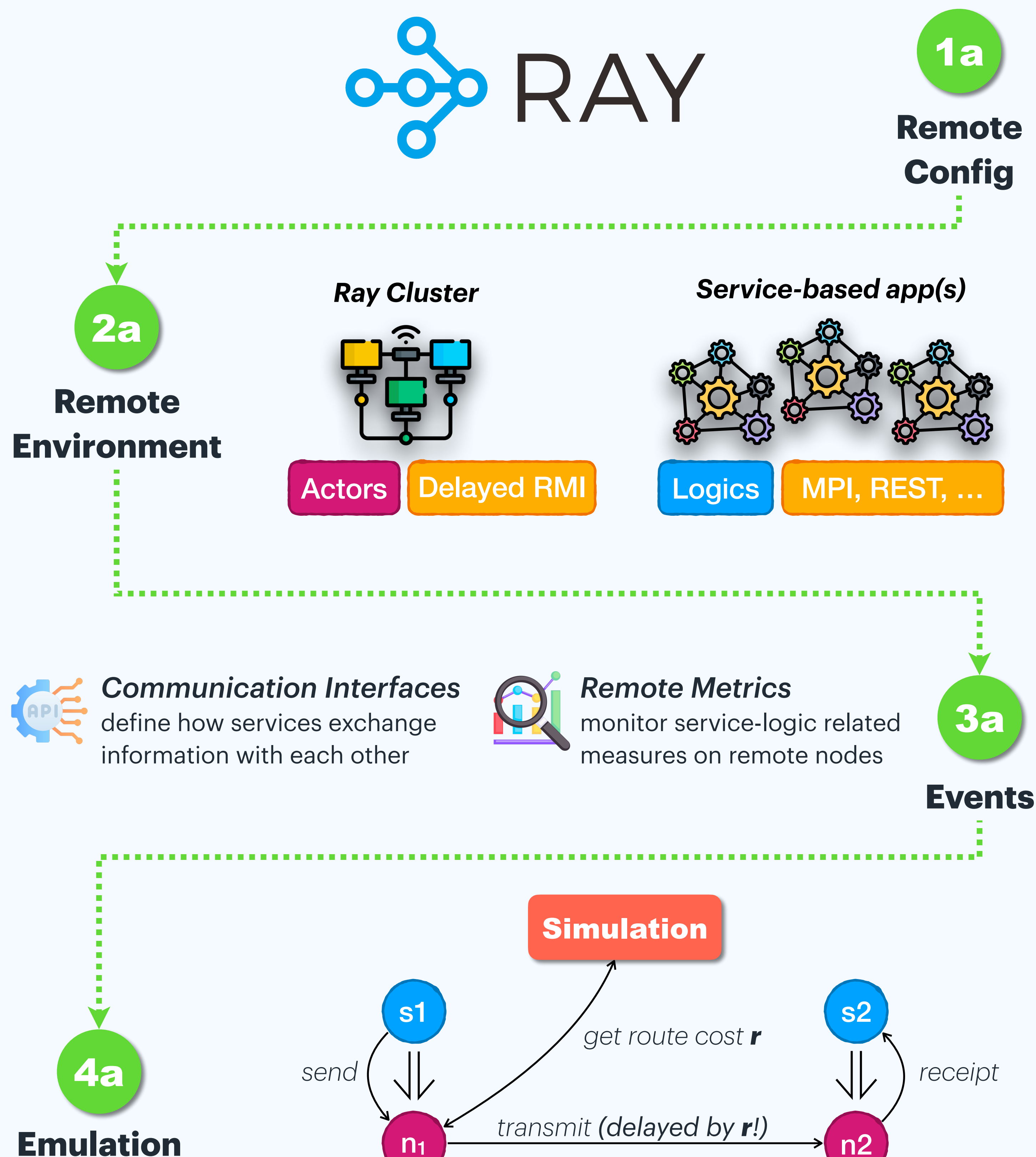


Allow the modelling of *real-world* infrastructures/application behaviours.

## SIMULATION



## EMULATION



## KEEP US IN TOUCH



Email



GitHub



Paper

## TRY ECLYPSE

