



Puppet



app



env



LIFECYCLE EVENTS

build/
provision

install
OS

configure
environment

deploy
app

tear down

update/
patch

integrate

APPROACHES

Manual



Scripts



Golden
Images



IaaC



Scripts



- Automate repeatable tasks
- Procedural Programs
- Focus on HOW

IaaS



user

name = xyz

uid = 5001

pass = xxx

Resource



user

Resource

dsl



translate



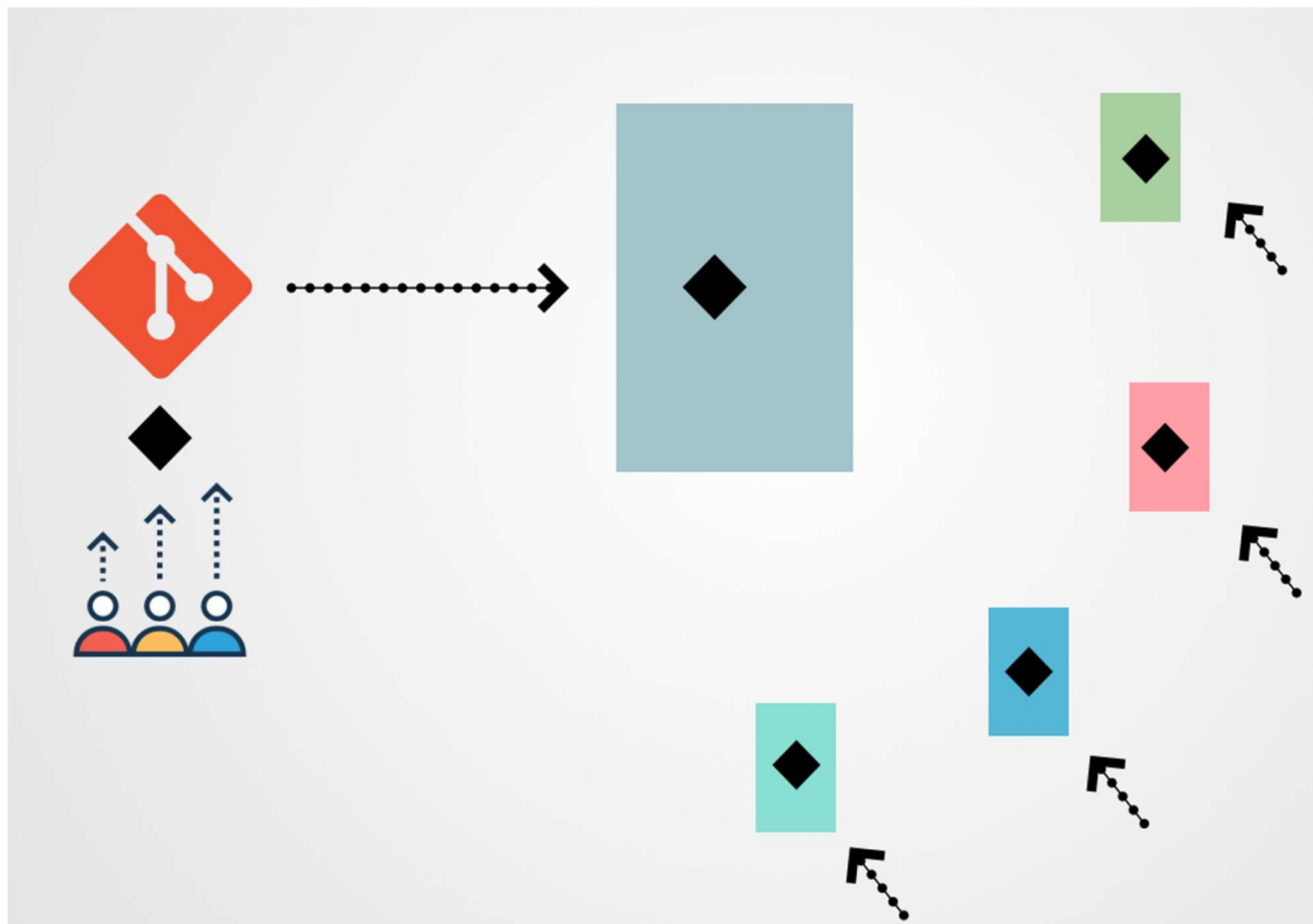
ruby

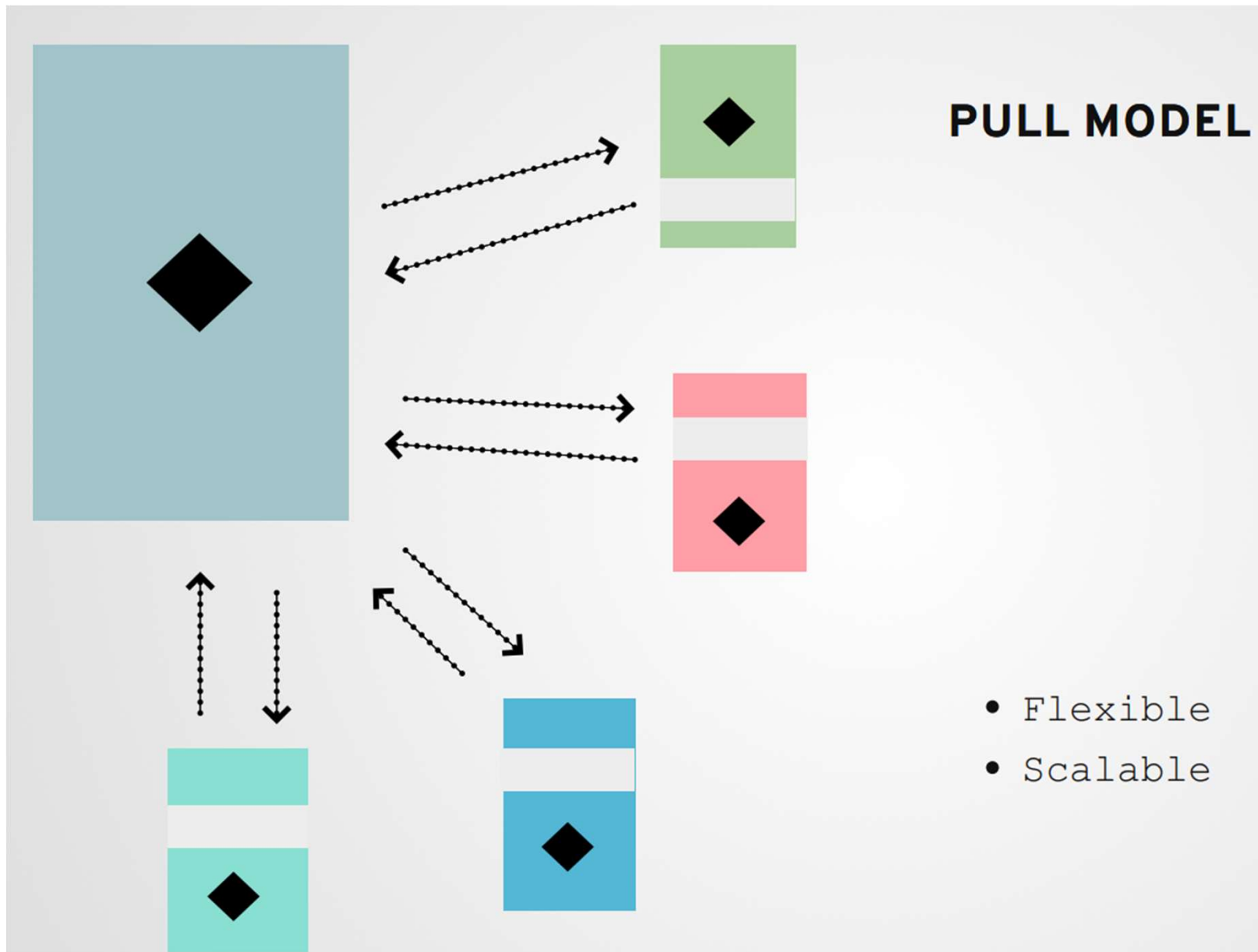
Providers

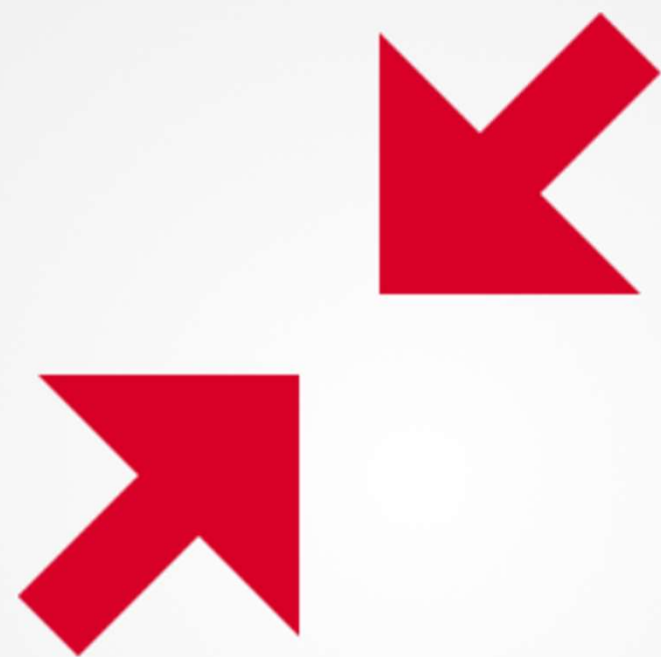
IaaC



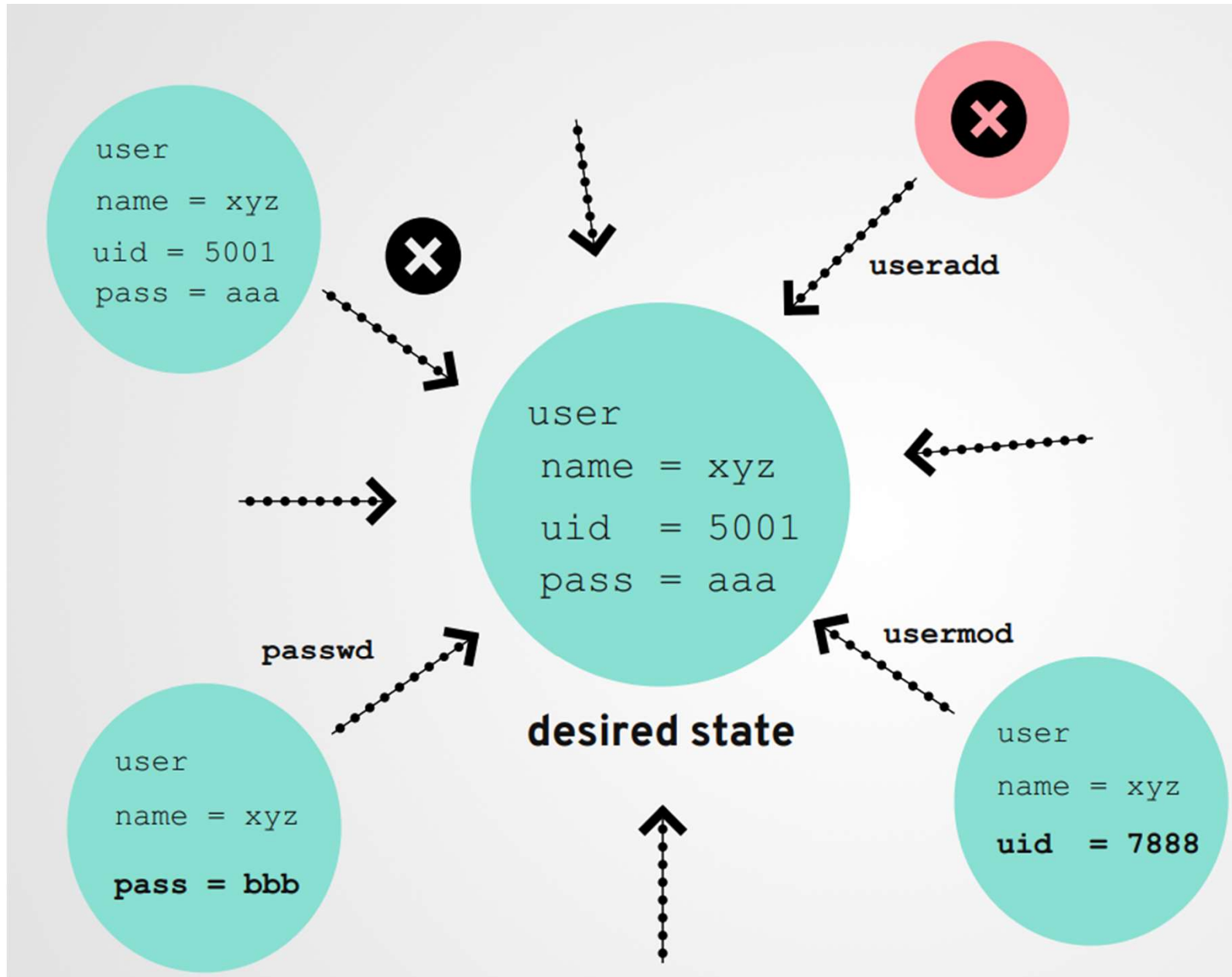
- Declarative Approach
- Revision Control
- Recreate the Infrastructure out of code repo
- Migration and DR
- Absolute Consistency





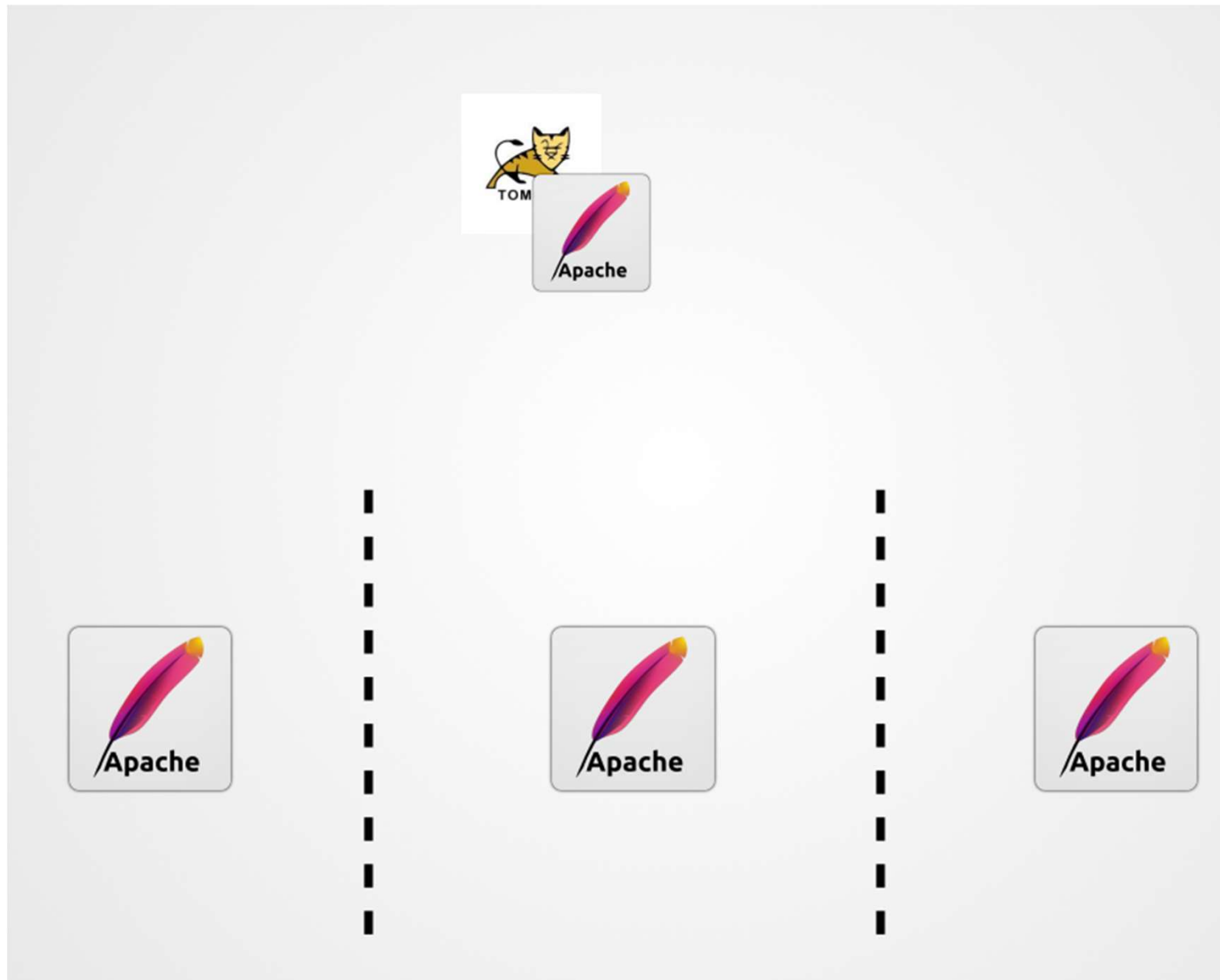


**CONVERGENT
APPROACH**





CODE | DATA





properties

params

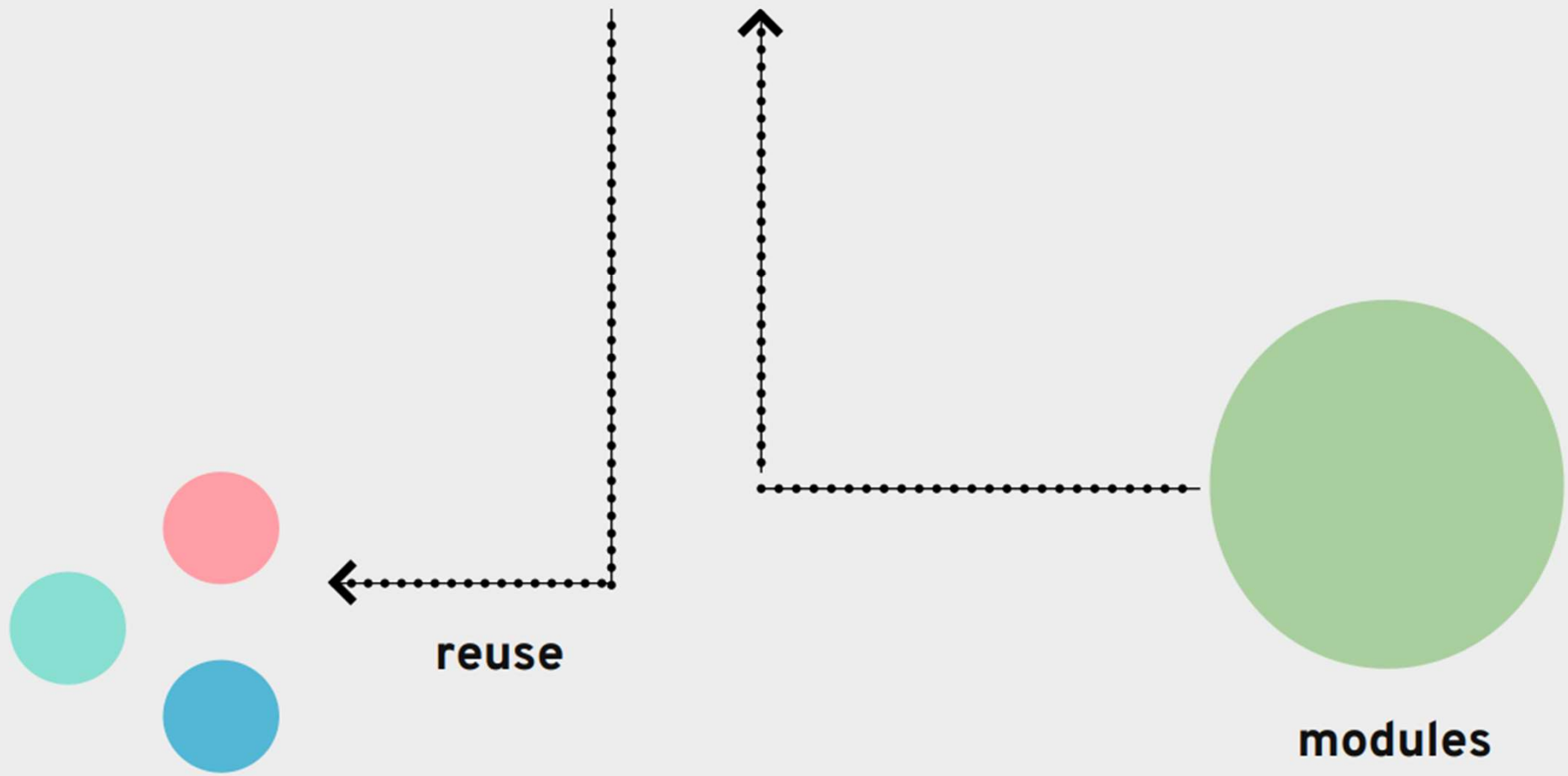
hiera

code

manifests

templates

modules





ITERATIVE APPROACH TO AUTOMATION

WHERE TO USE PUPPET?

build/
provision

audit and
compliance

software
delivery

install
OS

configure
environment

deploy
app

tear down

update/
patch

integrate

WHO IS IT FOR

systems
administrator

application
ops/devops

build and
release
engg

network
engineer

storage
admin

developer

WHAT IT IS NOT



UI Oriented
Tool



General
Purpose
Testing
Tool



agent
less
system



SCM Tool



CI Tool



one stop
devops
solution

Thanks