

# chef <chef-cucumber>

the art of building infrastructure as code

# today's special

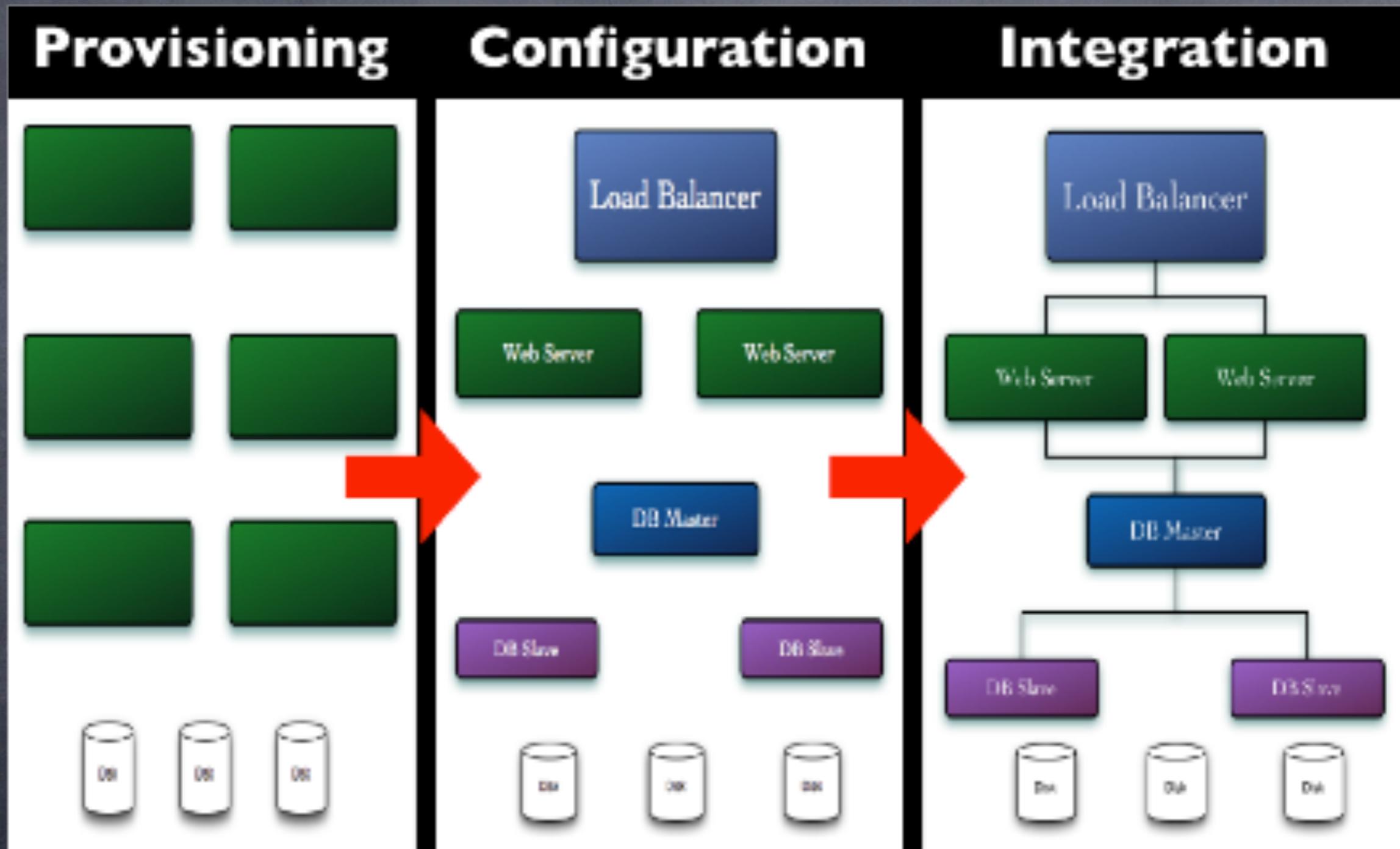
- dev-ops culture
- the chef's way
- managing infrastructure with chef
- chef meets cucumber
- test driving infrastructure
- the end

# dev-ops culture

- ⦿ infrastructure as code
  - ⦿ repeatability - idempotence
  - ⦿ automation
  - ⦿ agility
  - ⦿ scalability
  - ⦿ reassurance
  - ⦿ disaster recovery

why something like  
chef?  
ssh in for loop is not a  
solution

# chef's way



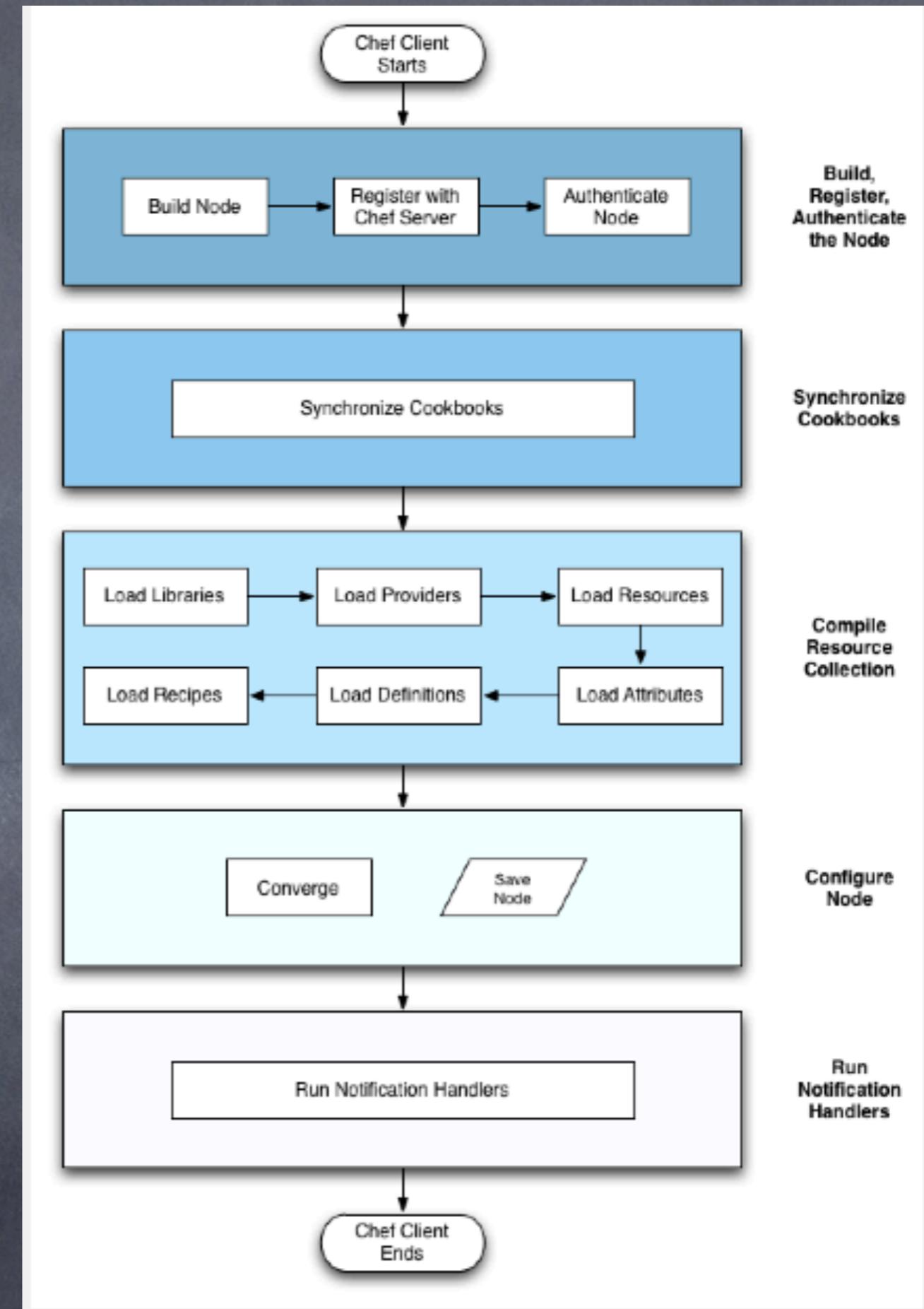
# chef's principles

- ⦿ idempotence
- ⦿ thick clients, thin servers
- ⦿ order matters
- ⦿ reasonability - esp. ruby dsl

# chef vocabulary

- chef-server
- chef-client
- attributes
- resources
- nodes
- knife
- recipes
- cookbooks
- ohai
- providers
- roles
- data bags

# what happens when a chef client runs?



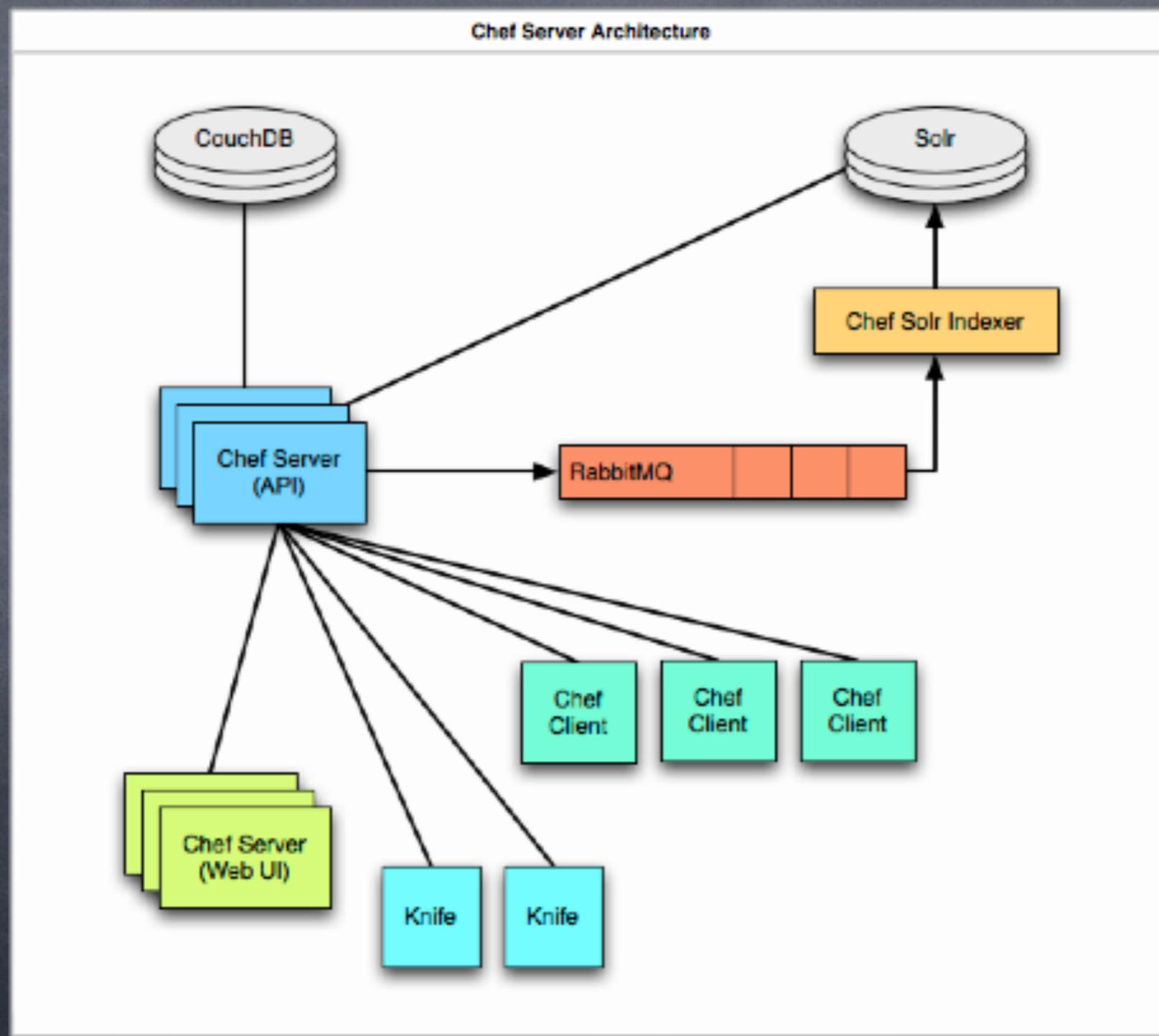
test driving  
infrastructure

# cucumber-chef

- test driving infrastructure
  - cause recipes and cookbooks are code
- vocabulary
- test lab
- controller
- container

code... and if possible a  
demo :)

# chef architecture



# flavors of chef

- chef client and server
- hosted chef
- chef solo

Quesitons?



# QCon

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