progress engine
we will develop it

#tceh

2016

Врубиться в Ruby

Лекция 17

Лекция 17

- Foreman gem
- Deployment on Heroku
- puma, unicorn, thin, passenger
- Настройка сервера
- capistrano и mina

foreman

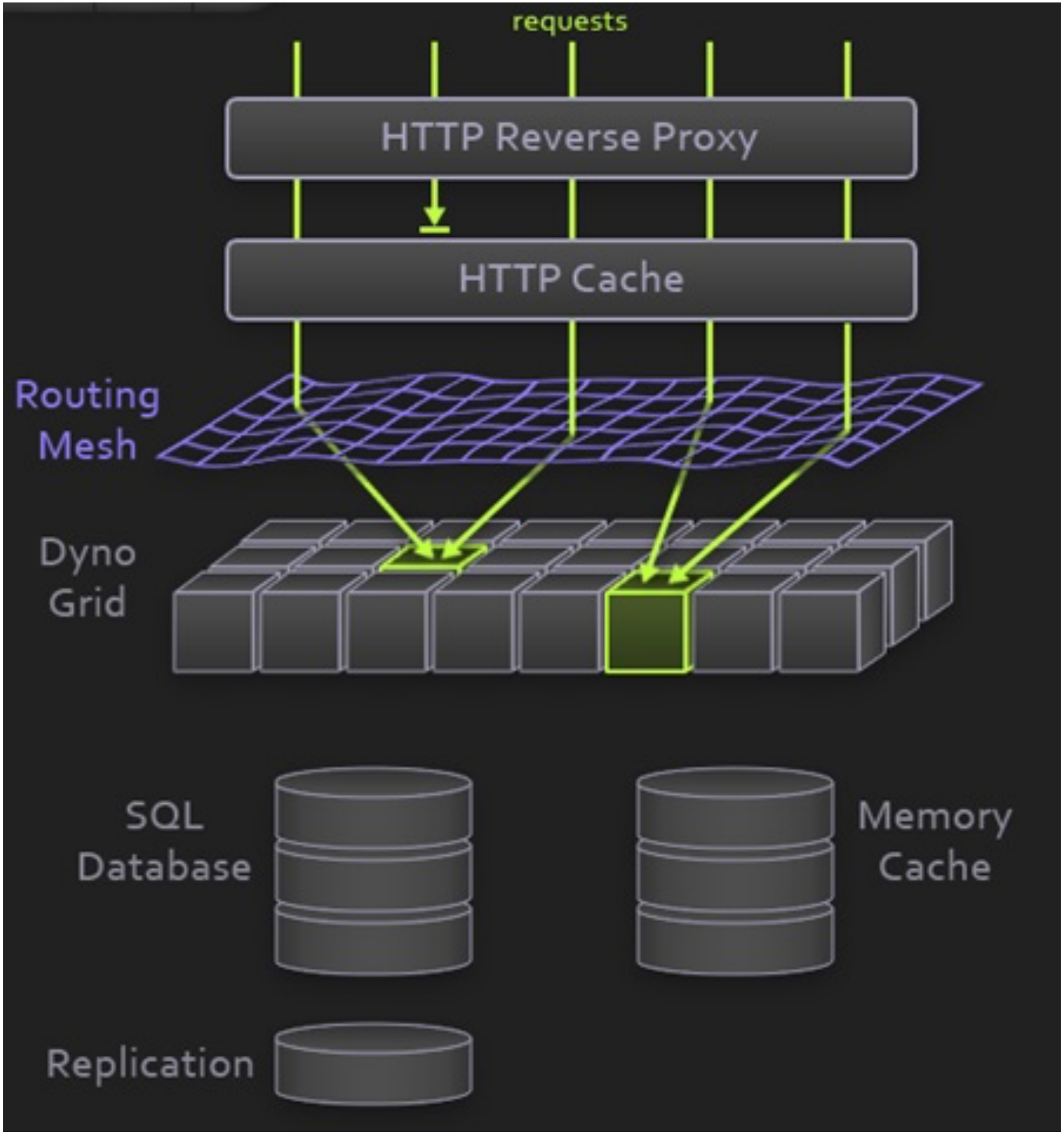
https://github.com/ddollar/foreman

Procfile

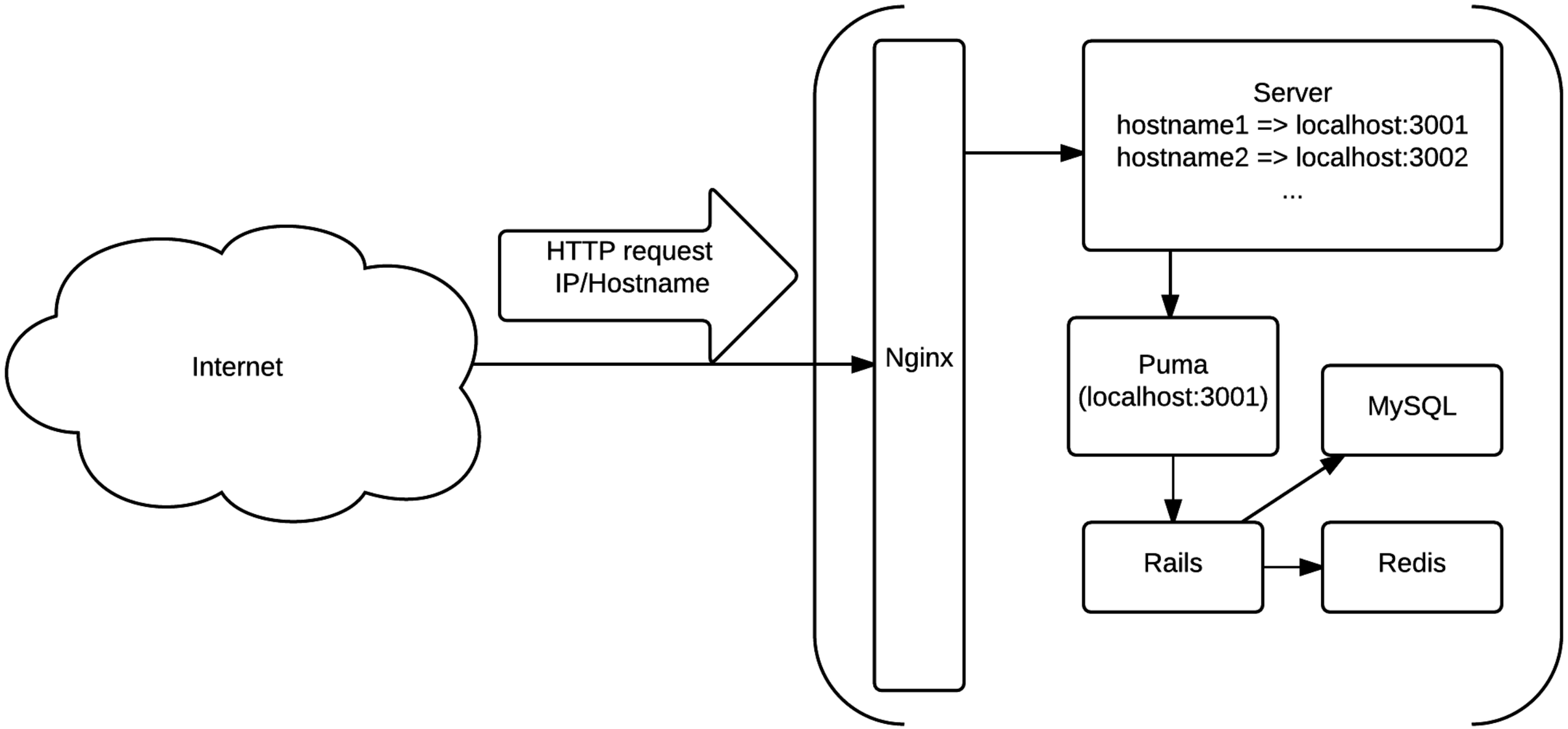
```
web:    bundle exec thin start -p $PORT
worker: bundle exec rake resque:work QUEUE=*
clock:  bundle exec rake resque:scheduler
```

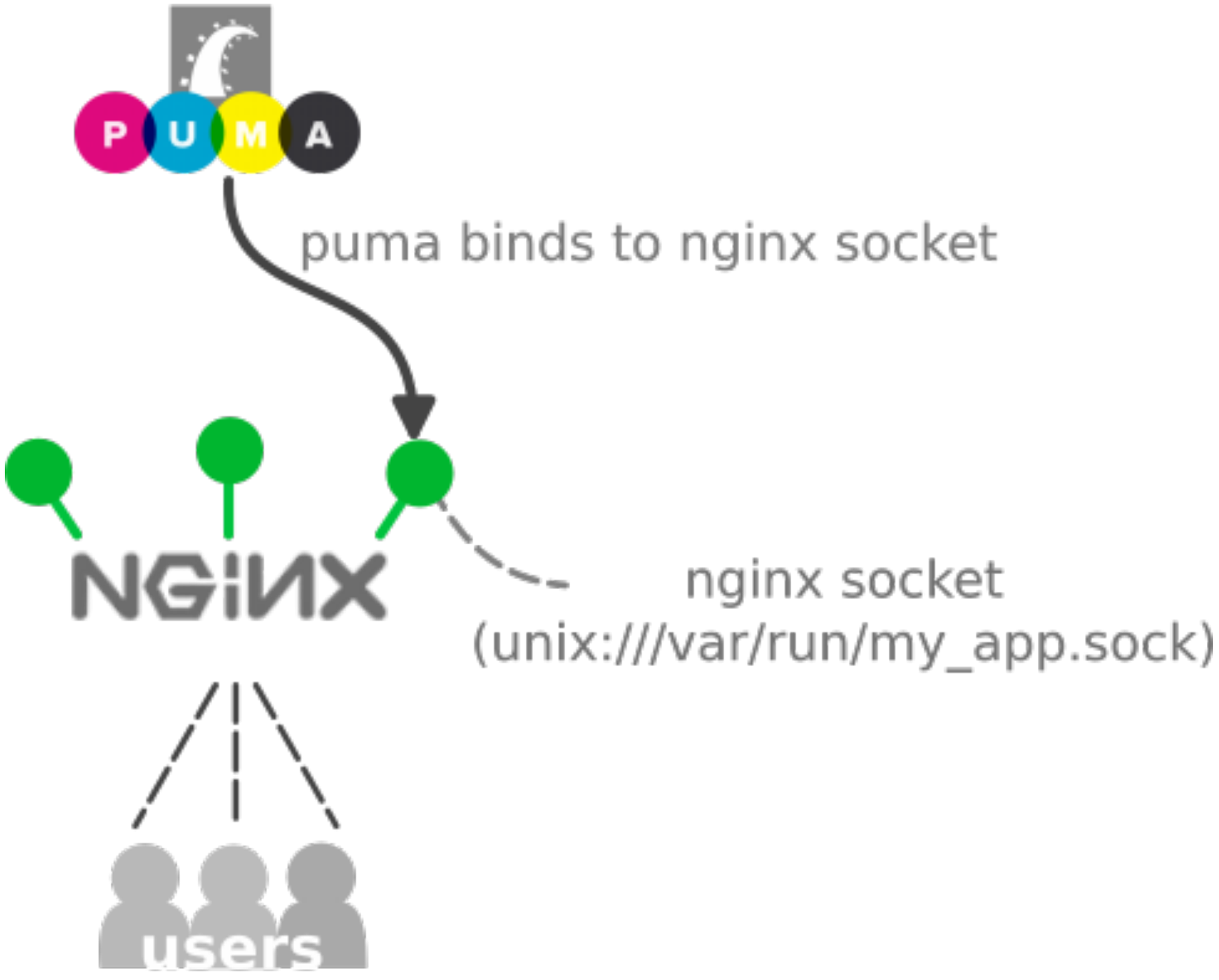
Heroku

https://heroku.com

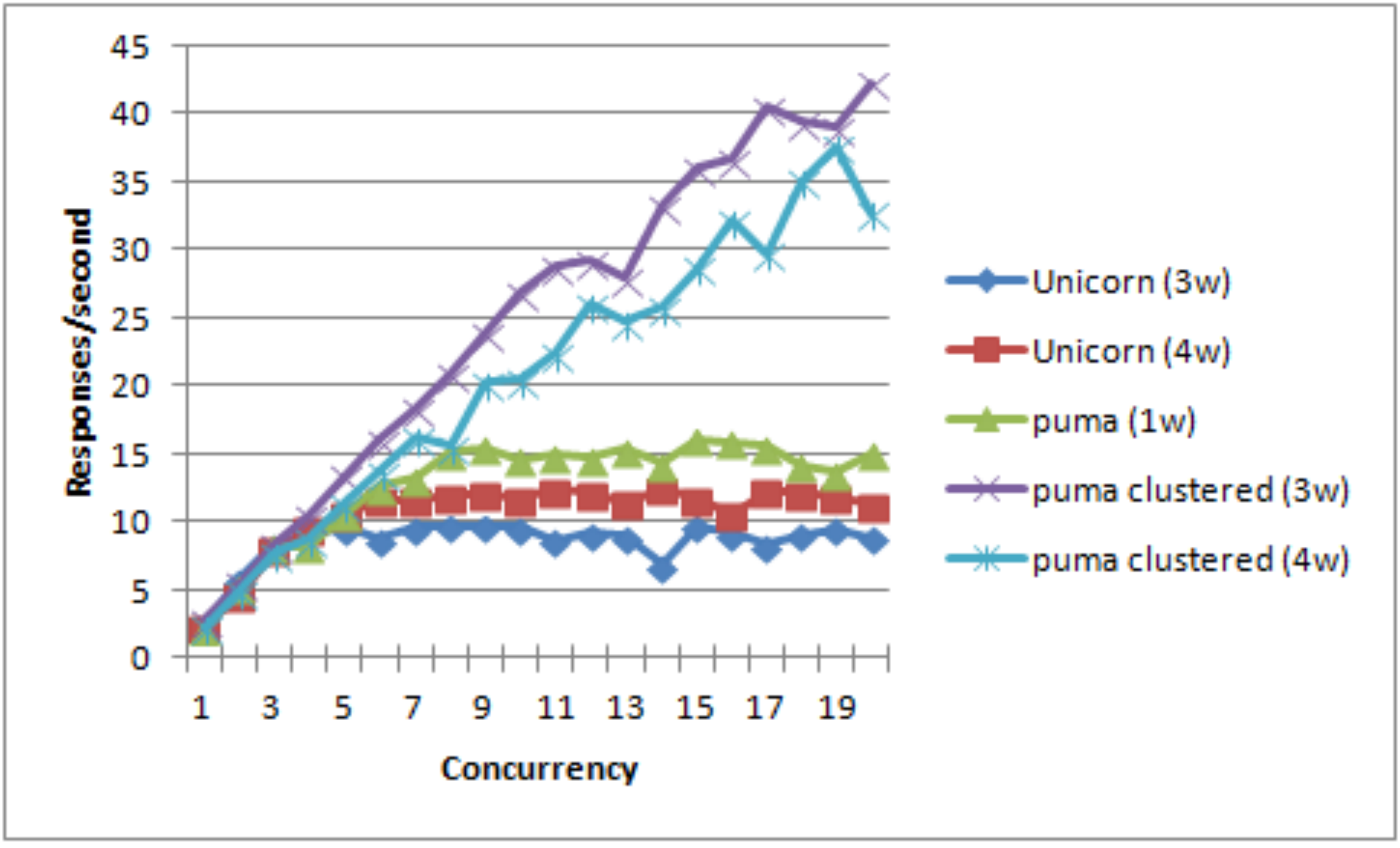

requests
HTTP Reverse Proxy
HTTP Cache
Routing Mesh
Dyno Grid
SQL Database
Memory Cache
Replication

puma, unicorn, thin, passenger


Internet
HTTP request
IP/Hostname
Nginx
Server
hostname1 => localhost:3001
hostname2 => localhost:3002
...
Puma
(localhost:3001)
MySQL
Rails
Redis


puma binds to nginx socket
nginx socket
(unix:///var/run/my_app.sock)
users

https://github.com/puma/puma

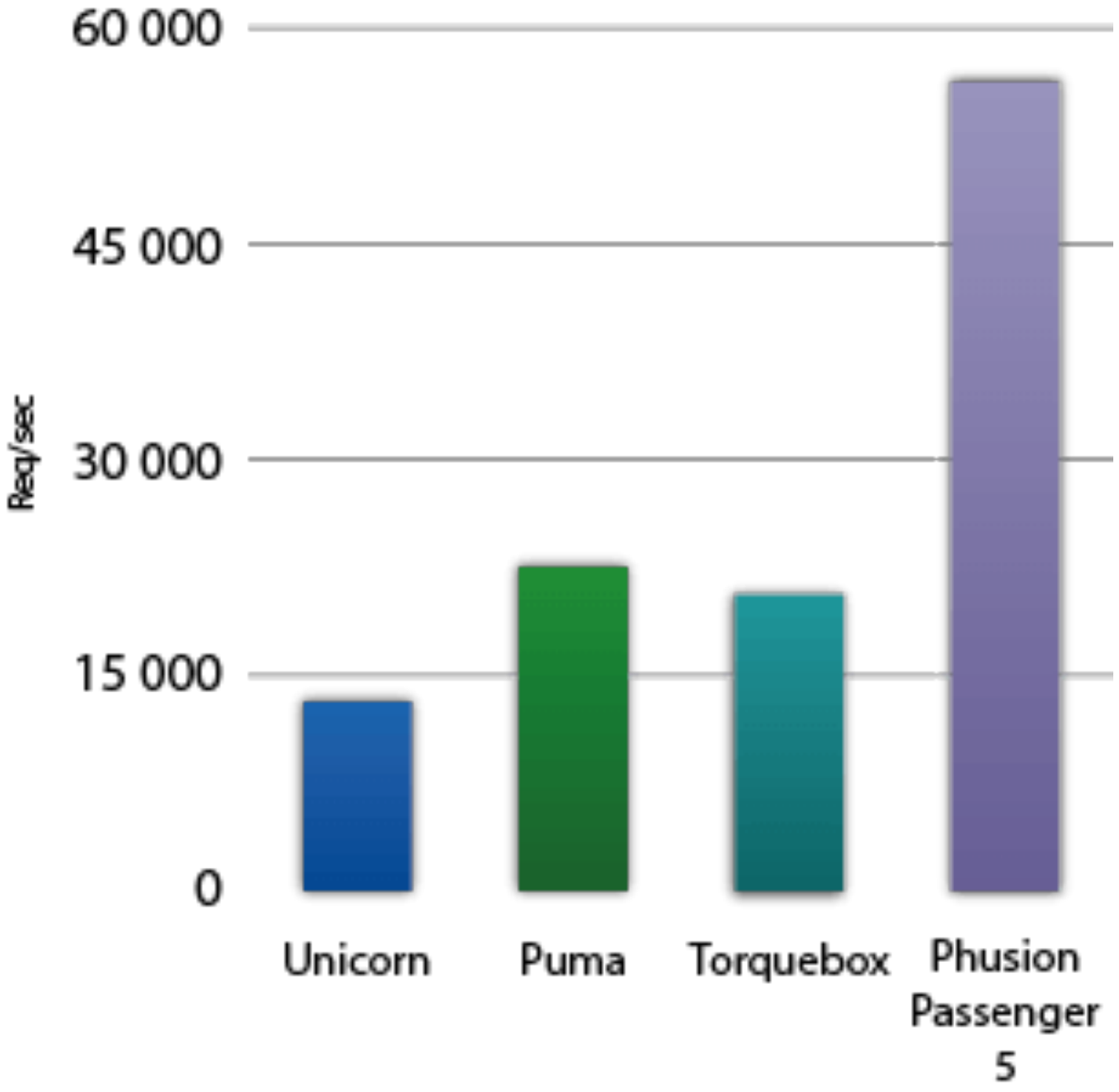

45
40
35
30
25
20
15
10
5
0
1
3
5
7
9
11
13
15
17
19
Concurrency
Unicorn (3w)
Unicorn (4w)
puma (1w)
puma clustered (3w)
puma clustered (4w)

https://github.com/jrochkind/fake_work_app/blob/master/README.md

http://code.macournoyer.com/thin/

https://unicorn.bogomips.org

https://www.phusionpassenger.com


60 000
45 000
30 000
15 000
0
Req/sec
Unicorn
Puma
Torquebox
Phusion Passenger 5

https://www.phusionpassenger.com/compare_ruby

capistrano + mina

http://capistranorb.com/

http://nadarei.co/mina/

```
├── current -> /var/www/my_app_name/releases/20150120114500/
├── releases
│   ├── 20150080072500
│   ├── 20150090083000
│   ├── 20150100093500
│   ├── 20150110104000
│   └── 20150120114500
├── repo
│   └── <VCS related data>
├── revisions.log
└── shared
    └── <linked_files and linked_dirs>
```

```
# config valid only for current version of Capistrano
lock '3.4.0'

set :application, 'domochat'
set :repo_url, 'git@github.com:domochat/domochat.git'
set :ruby_version, '2.2.3'

# Default branch is :master
# ask :branch, `git rev-parse --abbrev-ref HEAD`.chomp

# Default deploy_to directory is /var/www/my_app_name
set :deploy_to, "/var/www/#{fetch(:application)}"
set :keep_releases, 5

set :rails_env, -> { fetch(:stage) }
set :scm, :git # Default value for :scm is :git
set :format, :pretty # Default value for :format is :pretty
set :log_level, :info # Default value for :log_level is :debug
```

```
set :linked_dirs, %w{bin log tmp/pids tmp/cache tmp/sockets vendor/
bundle public/system public/uploads}
set :linked_files, %w{config/application.yml config/database.yml
config/secrets.yml}

# rbenv config
set :rbenv_type, :user # or :system, depends on your rbenv setup
set :rbenv_ruby,  -> { fetch(:ruby_version) }
set :rbenv_prefix, "RBENV_ROOT=#{fetch(:rbenv_path)}
RBENV_VERSION=#{fetch(:rbenv_ruby)} #{fetch(:rbenv_path)}/bin/
rbenv exec"
set :rbenv_map_bins, %w{rake gem bundle ruby rails}
set :rbenv_roles, :all # default value
```

https://gist.github.com/alec-c4/8761bd9cf0d8f0983b2ebebae7516d3d

Практика

Вопросы?

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