

Vagrant - nerozbíjejte servery

Věroš Kaplan
@verosk

<http://inuits.eu/>

<http://veroskaplan.cz/>



Vagrant for sysadmins

~~Vagrant for developers~~

Věroš Kaplan
@verosk

<http://inuits.eu/>

<http://veroskaplan.cz/>



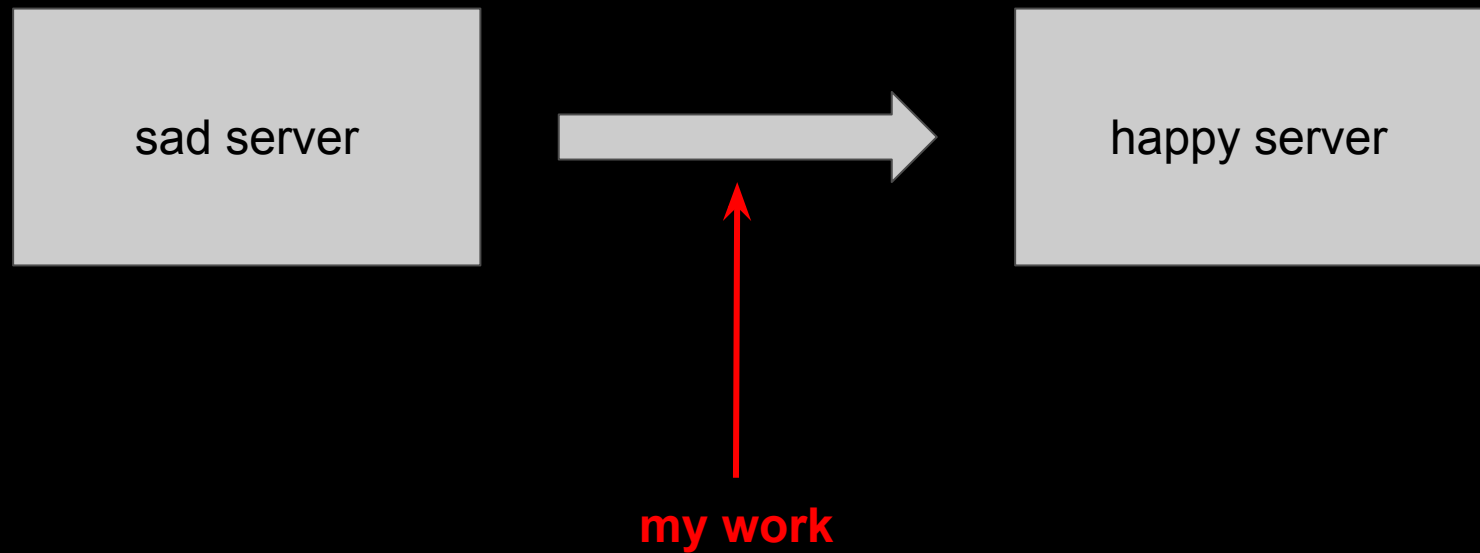
About me

Fixing (and breaking) servers

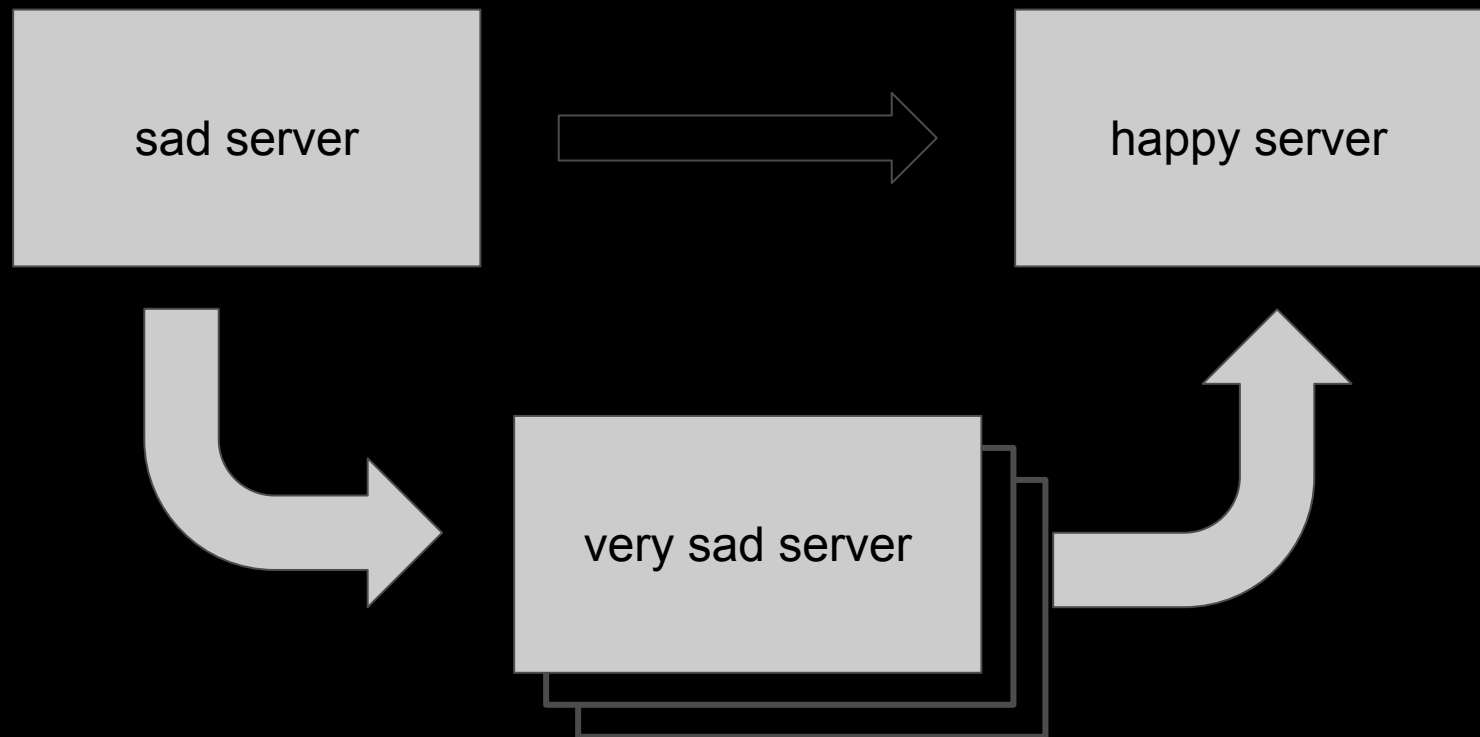
- manually
- smart
 - puppet apply -t
 - ansible-playbook

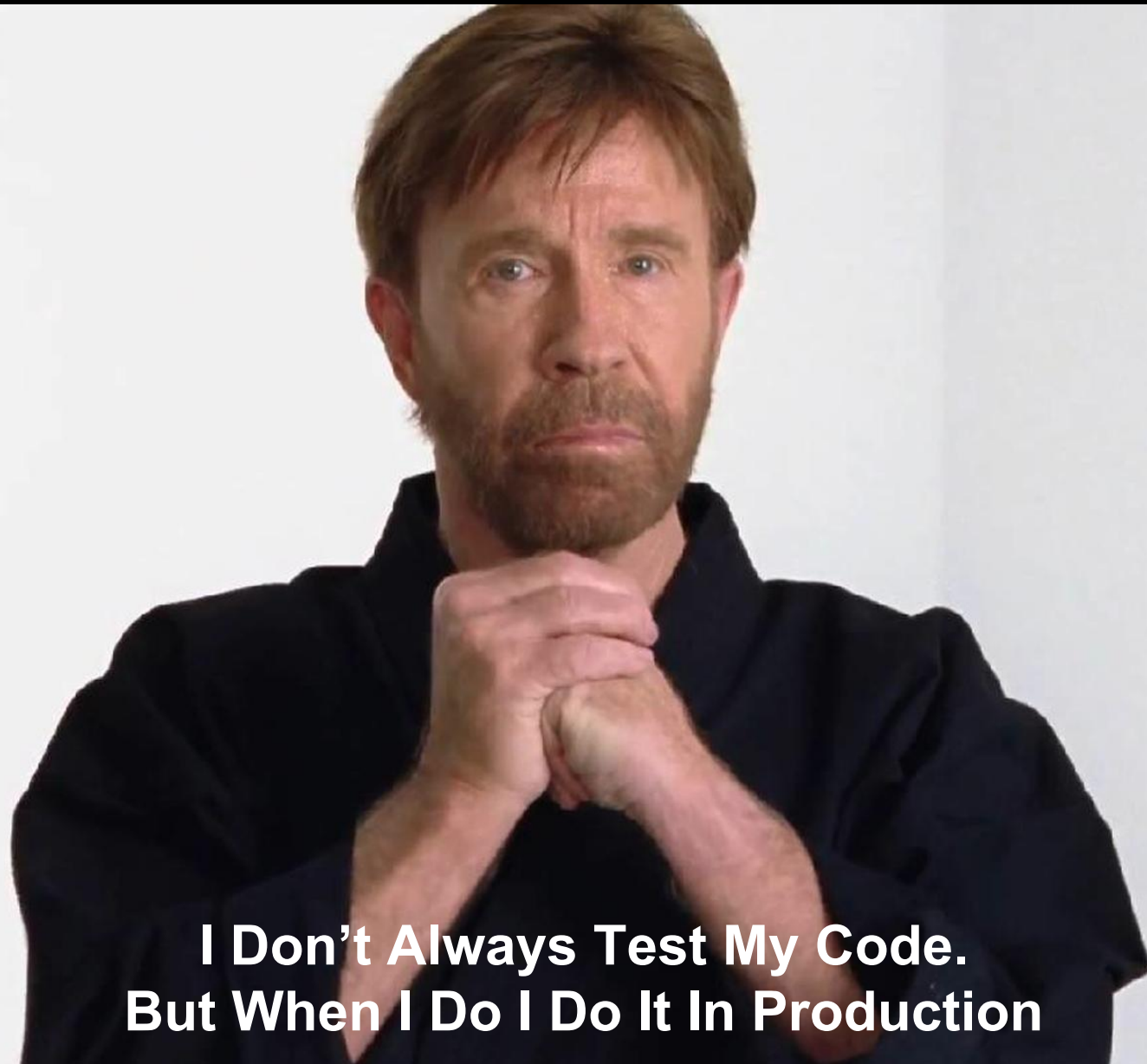


Workflow



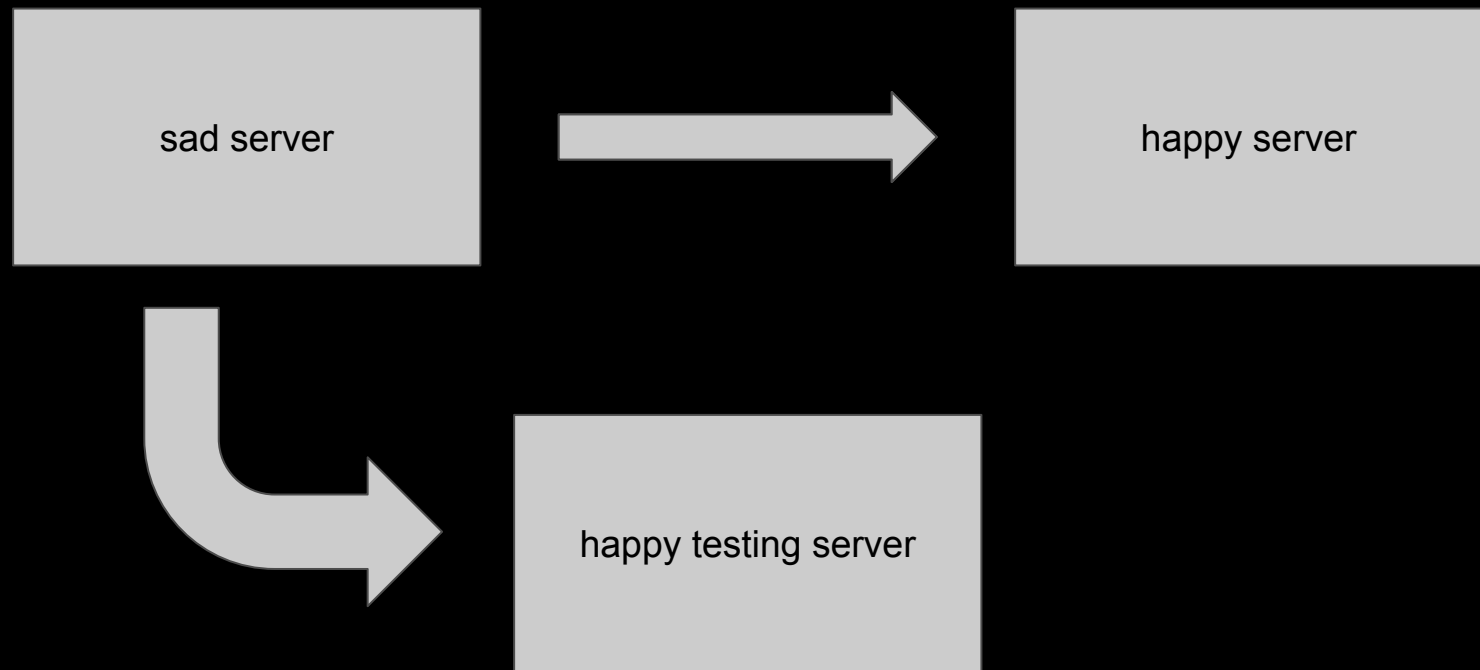
Workflow (real)





**I Don't Always Test My Code.
But When I Do I Do It In Production**

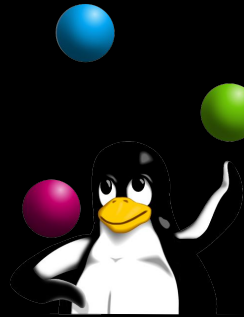
Workflow with testing





We need testing playground!

Solution?



KVM





VAGRANT

Vagrantfile

```
# vi: set ft=ruby :

Vagrant.configure(2) do |config|
  config.vm.box = "vStone/centos-7.x-puppet.3.x"

  config.vm.network "forwarded_port", guest: 80, host: 7080

  config.vm.provider "virtualbox" do |vb|
    vb.memory = "1024"
  end

  # Enable provisioning with a shell script.
  config.vm.provision "shell", inline: <<-EOF
    yum install nginx -y --enablerepo=epel
    systemctl start nginx
    firewall-cmd --add-service=http
  EOF
end
```

~

Vagrant workflow

- `vagrant init`
- `vagrant up`
- `vagrant status`
- `vagrant ssh`
- `vagrant destroy`

<https://github.com/VerosK/vagrant-examples>



Vagrantfile anatomy

```
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    firewall-cmd --add-service=http
  EOF
end
~
```

Multi-host environment

- `vagrant up psql-01`
- `vagrant up django-01`

Vagrant for developers

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Developer's desktop without Vagrant

irssi

firefox

pgsql

mysqld2

php

mutt

httpd

nginx

redis

bind

rabbitmq

mysqld

postfix

openjdk

django

scripts

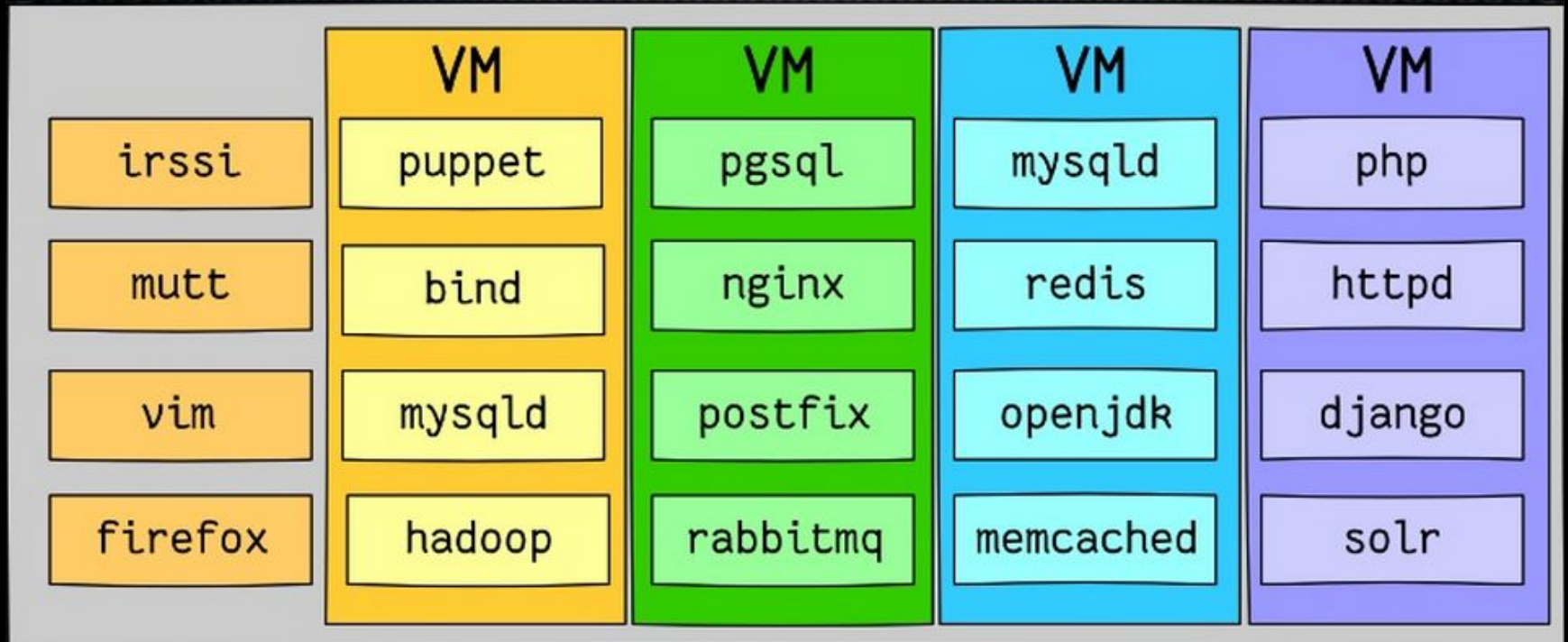
hadoop

vim

memcached

solr

Developer's desktop with Vagrant



EOF