

# vagrant: casos de uso

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## vagrant box

- crear una box en Vagrant:
  1. `vagrant package <nombre_maquina> -output fichero.box`
  2. subir (versión, proveedor, etc...)
  3. descargar (desde otro Vagrantfile):

[Vagrantfile](#)

## ejemplos

### multi-machine cluster in a loop

```
# -*- mode: ruby -*-
# vi: set ft=ruby :

VAGRANTFILE_API_VERSION = "2"

cluster = {
  "master" => { :ip => "192.168.33.10", :cpus => 1, :mem => 1024 },
  "slave" => { :ip => "192.168.33.11", :cpus => 1, :mem => 1024 }
}
```

```
Vagrant.configure(VAGRANTFILE_API_VERSION) do |config|

  cluster.each_with_index do |(hostname, info), index|

    config.vm.define hostname do |cfg|
      cfg.vm.provider :virtualbox do |vb, override|
        config.vm.box = "ubuntu/trusty64"
        override.vm.network :private_network, ip: "#{info[:ip]}"
        override.vm.hostname = hostname
        vb.name = hostname
        vb.customize ["modifyvm", :id, "--memory", info[:mem], "--cpus",
info[:cpus], "--hwvirtex", "on"]
          end # end provider
        end # end config
      end # end cluster
    end
```

/via: <https://gist.github.com/roblayton/c629683ca74658412487>

## configuraciones simples

```
Vagrant.configure(2) do |config|
  config.vm.box = "debian/jessie64"
  config.vm.hostname = "pruebal"
  config.vm.provision "shell", path: "actualizar.sh"

  config.vm.network :private_network, ip: "192.168.100.10" # only host
  config.vm.network :public_network, ip: "192.168.100.20"
  config.vm.network :public_network, :bridge=>"eth0"
  config.vm.network :forwarded_port, guest: 80, host: 8080
  config.vm.synced_folder "./www", "/www"

  config.vm.provider "virtualbox" do |vb|
    vb.name = "VM-Pruebal"
    vb.memory = 1024
    vb.cpus = 3
    vb.linked_clone = true
    vb.gui = true
  end
end
```

```
Vagrant.configure("2") do |config|
  config.vm.define "web" do |nodo1|
    nodo1.vm.box = "debian/jessie64"
    nodo1.vm.hostname = "web"
    nodo1.vm.network "public_network", bridge: "eth0"
    nodo1.vm.network "private_network", ip: "10.0.100.101"
  end
  config.vm.define "db" do |nodo2|
```

```
nodo2.vm.box = "debian/jessie64"  
nodo2.vm.hostname = "db"  
nodo2.vm.network "private_network", ip: "10.0.100.102"  
end  
end
```

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