

Developing Betamax with Vagrant

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Vagrant

vagrantup.com

Vagrant

```
Vagrant.configure(2) do |config|  
  config.vm.box = 'ubuntu/trusty64'  
end
```

Vagrant

```
Vagrant.configure(2) do |config|  
  config.vm.box = 'ubuntu/trusty64'  
  config.vm.provision 'bashrc', type: 'file',  
                        source: '~/.bashrc',  
                        destination: '/home/vagrant/.bashrc'  
end
```

Vagrant

```
Vagrant.configure(2) do |config|  
  config.vm.box = 'ubuntu/trusty64'  
  config.vm.provision 'bashrc', type: 'file',  
                        source: '~/.bashrc',  
                        destination: '/home/vagrant/.bashrc'  
  config.vm.provision 'hello', type: 'shell', inline: 'echo "hello"'  
end
```

Vagrant

\$ vagrant up

Vagrant

```
$ vagrant halt
```

```
$ vagrant destroy
```

```
$ vagrant reload
```

```
$ vagrant provision
```

```
$ vagrant provision --provision-with hello
```

Base box

github.com/tape-tv/betamax-box

Base box

- `build-essential`
- `Git`
- `Python` and `awscli`
- `Postgresql`
- `Node.js`
- `Redis`
- `ruby-install` and `chruby`

Base box

github.com/tape-tv/betamax-box -> boxes.tape.tv

Betamax

Using the base box

```
Vagrant.configure(2) do |config|  
  config.vm.box = 'http://boxes.tape.tv/betamax-v0.2.1.box'  
  # ...  
end
```

Betamax

Networking

```
Vagrant.configure(2) do |config|
  config.vm.box = 'http://boxes.tape.tv/betamax-v0.2.1.box'
  config.vm.network 'private_network', ip: '192.168.66.100'
  config.ssh.forward_agent = true
  # ...
end
```

Betamax

NFS vs rsync

- NFS is generally better
- No file system events on the guest machine

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NFS vs rsync

- NFS is generally better
- No file system events on the guest machine
- `rsync-gatling-rsync`

Betamax

```
$ vagrant ssh
```


Betamax

```
$ vagrant ssh
```

```
$ cd /betamax
```

Betamax

```
$ vagrant ssh
```

```
$ cd /betamax
```

```
$ source setup.sh
```

Betamax

```
$ vagrant ssh
```

```
$ cd /betamax
```

```
$ source setup.sh
```

```
$ ./database.sh
```

Thanks!

More info at betamax/vagrant.md