Cheatography

Vagrant Cheat Sheet Cheat Sheet

by DavBfr via cheatography.com/26961/cs/7685/

Creating the Vagrantfile

vagrant init	Initialize Vagrant with a Vagrantfile and ./.vagrant directory, using no specified base image. Before you can do vagrant up, you'll need to specify a base image in the Vagrantfile.
vagrant init boxpath	Initialize Vagrant with a specific box. To find a box, go shopping. When you find one you like, just replace it's name with boxpath. For example, vagrant init chef/centos-6.5.

Vagrantfile customizations

```
vagrant.configure("2") do |config|
        con fig.vm.box = " che f/c ent os- 6.5 "
       # guest is the VM; host is your computer end
        con fig.vm.ne twork " for war ded _po rt",
guest: 80, host: 8080
        con fig.vm.pr ovision :shell, path: " -
my_ bas h_s cri pt.s h"
       # path is relative to your Vagran tfile
end
```

By default ./ on your computer is shared as /vagrant on the VM. Letting other people access your VM's

Boxes

vagrant box list	List the installed boxes
vagrant box add <name> <box path/HTTP URI>	Add the box for later use
vagrant box remove <name> virtualbox	delete a box
vagrant box outdated	Check for updates vagrant box update

Boxes are prebuilt VM images. You never modify your box images

Common Vagrant Commands

vagrant up	starts vagrant environment (also provisions only on the FIRST vagrant up) Equivalent to pressing the power buttons on your servers.
vagrant status	outputs status of the vagrant machine
vagrant halt	stops the vagrant machine
vagrant reload	restarts vagrant machine, loads new Vagrantfile config-uration

Common Vagrant Commands (cont)

vagrant provision	forces reprovisioning of the vagrant machine
vagrant ssh	connects to machine via SSH
vagrant destroy	stops and deletes all traces of the vagrant machine
vagrant suspend	Suspends a virtual machine (remembers state)
vagrant resume	Resume a suspended machine (vagrant up works just fine for this as well)
vagrant reload --provision	Restart the virtual machine and force provisioning
vagrant provision --debug	Use the debug flag to increase the verbosity of the output

Be sure that you are in the same directory as the Vagrantfile when running these commands!

Tips

vagrant -v	Get the vagrant version
vagrant global-status	outputs status of all vagrant machines
vagrant global-status --prune	same as above, but prunes invalid entries
vagrant push	Vagrant can be configured to deploy code!
vagrant up --provision | tee provision.log	Runs `vagrant up`, forces provisioning and logs all output to a file
VAGRANT_LOG=info vagrant up	Use the environement variable VAGRANT_LOG to set verbosity



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