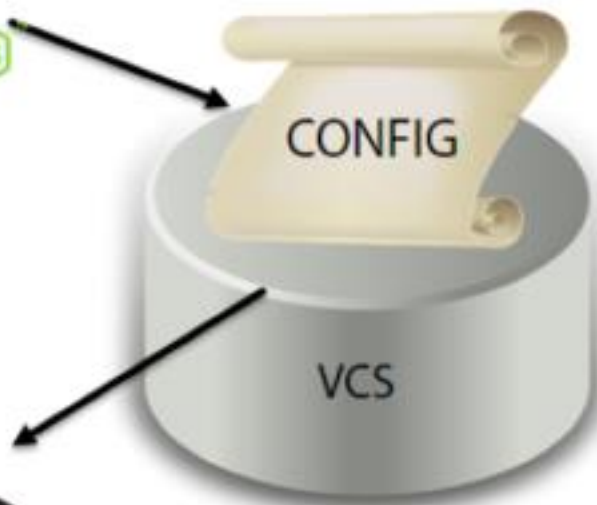


Creating a Hubot Environment

Wes McClure
wesmcclure.com



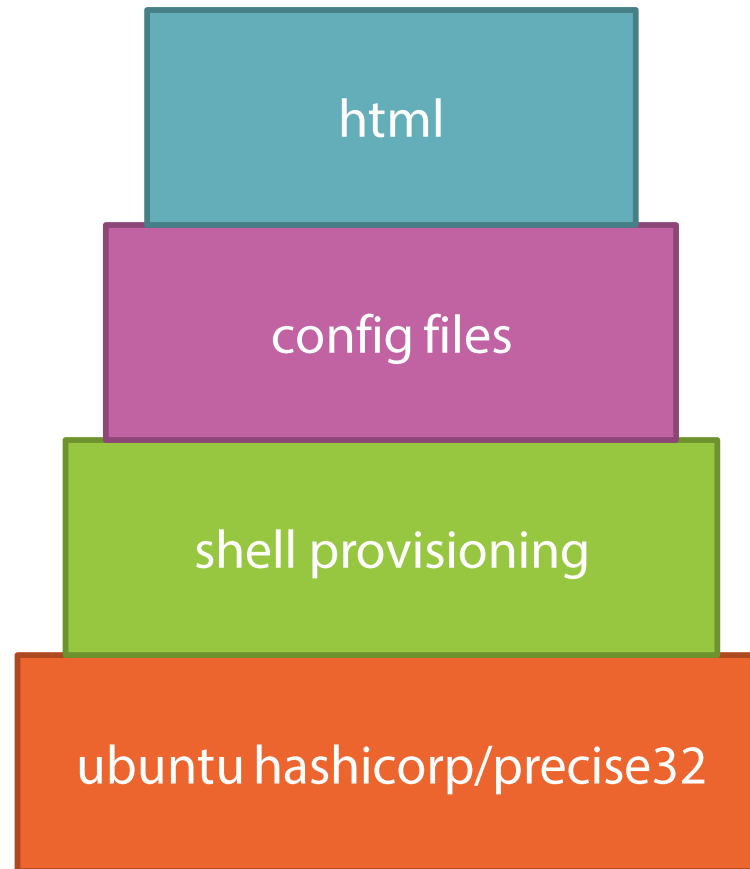
pluralsight 
hardcore dev and IT training



Additional Learning

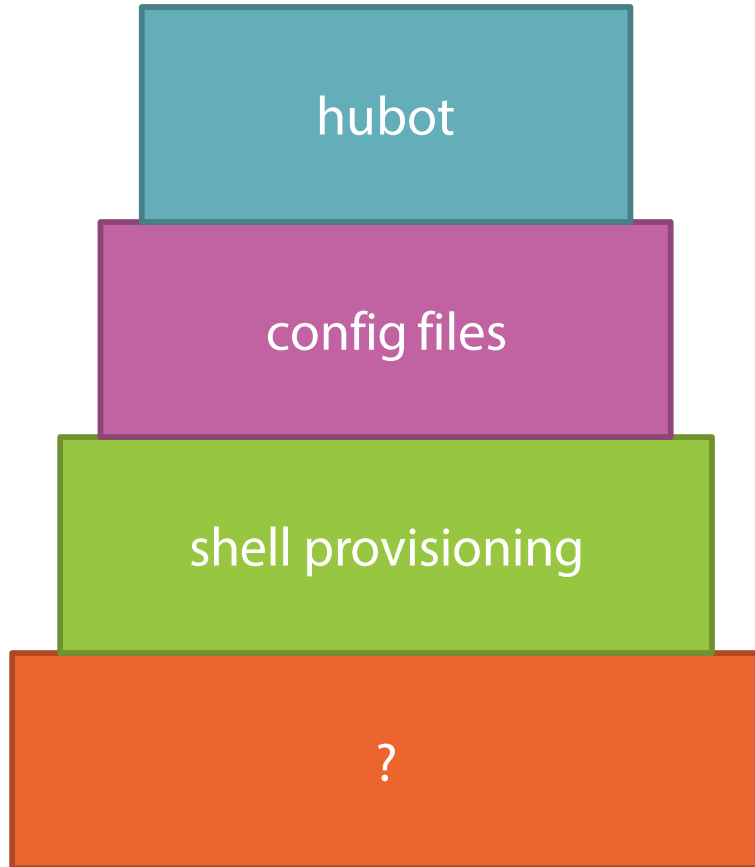
- **Vagrant boxes**
 - Dev/Prod – same/similar base image
 - Dev/Prod – reuse provisioning
- **Vagrant synced folder types**
- **Re-runnable shell provisioning**

Development Environment

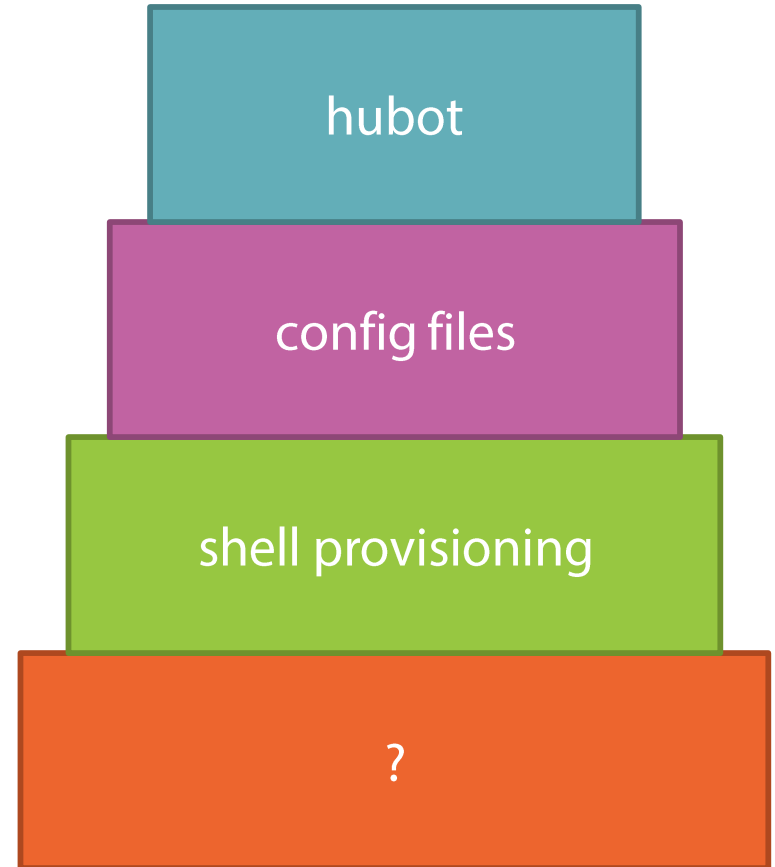


Common Starting Point

Development



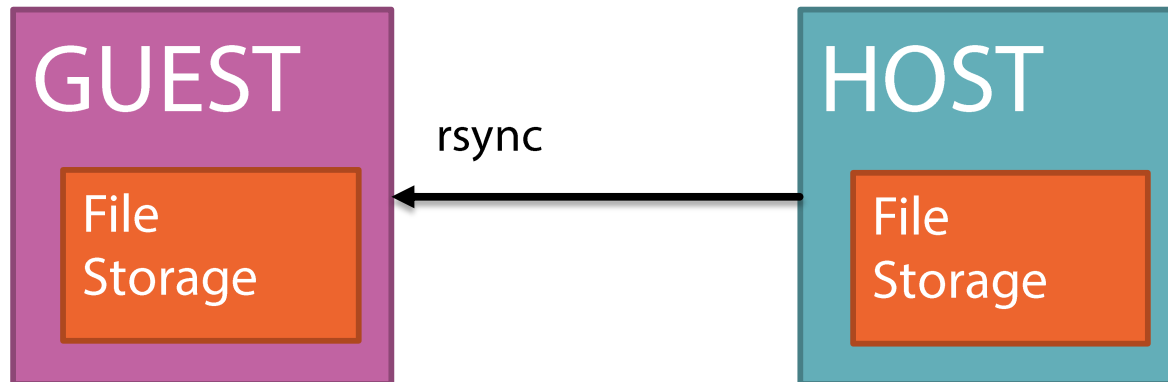
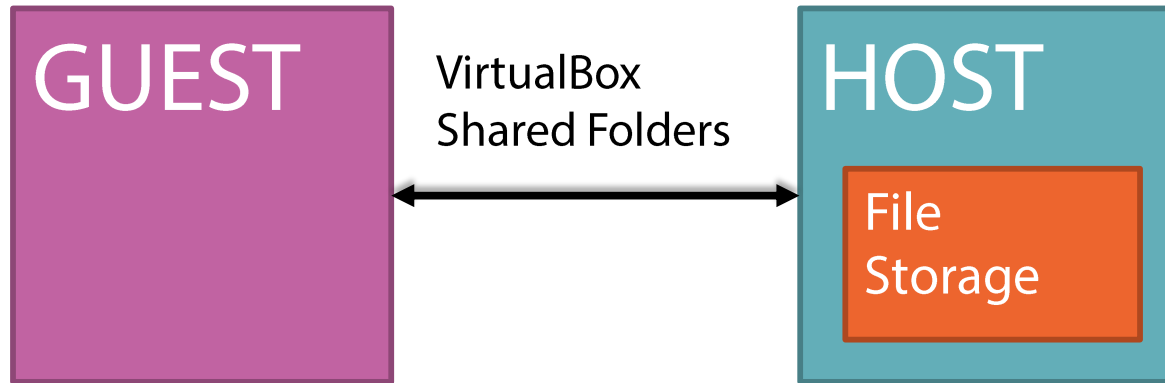
Production



Box

- **Common starting point**
- **Pre-provisioned**
 - Operating System
 - Provisioning tools
- **Time consuming to build**
- **Reusable across projects**
- **Create your own**
 - Vagrant
 - Packer

Synced Folders



Synced Folder Types

- **rsync**
- **NFS**
- **SMB**
- **Plugins for more types**
- **Why**
 - Enhanced performance
 - Copy files to cloud providers
 - Performance watching for changes

Hubot Development Environment

- `vagrant init ubuntu/trusty64`
- Hubot readme
- Scaffold new Hubot
- Rsync synced folder
- Run hubot in shell mode

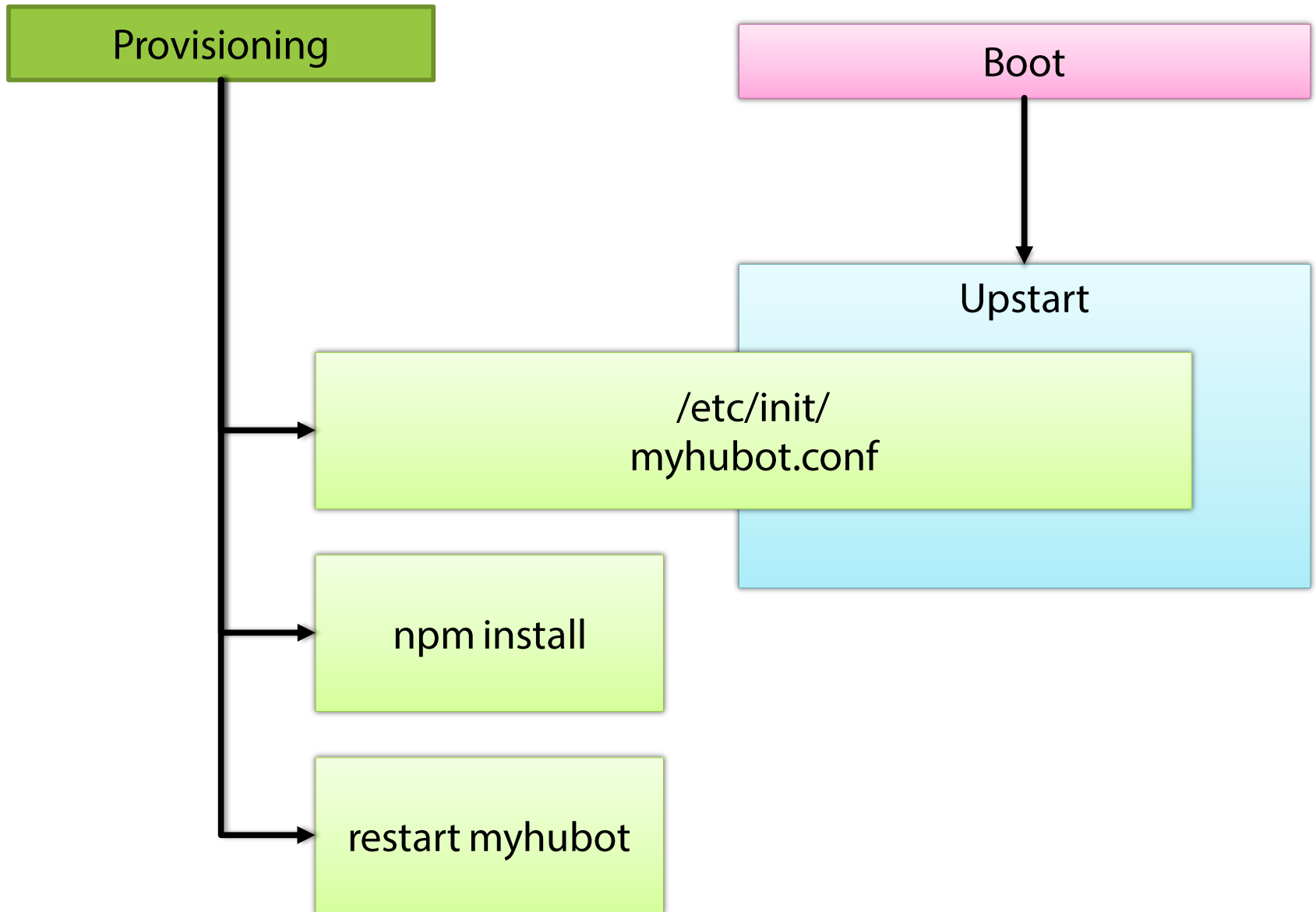
Hubot & HipChat

- **Signup for HipChat**
 - Create dev & prod bots
- **Modify dev enviornment**
- **Ping HipChat**

Hubot as Upstart Service Job

- **System service**
- **Dev same as Prod**
 - Confidence
- **Upstart**
- **Job configuration file**
- **Provisioning**
 - Copy job file
 - npm install
 - Start service

Review



Recap

- Boxes
- Provisioning
- Synced folders – rsync
- nodejs vagrant workflow