

BUILDING AND SHIPPING YOUR OWN **ATOMIC HOST**

A gentle introduction

Jonathan Lebon
Platform Infrastructure
Red Hat, Inc.

Before we begin

- Download the Fedora 25 Atomic Host from <https://getfedora.org/en/atomic/download/>
 - Choose the qcow2 image (at the bottom)
 - Or: `http://$MYIP/f25ah.qcow2`
- Install the following packages:
 - `git, rpm-ostree, libvirt, qemu-img`
 - `lorax, imagefactory-plugins-TinMan`



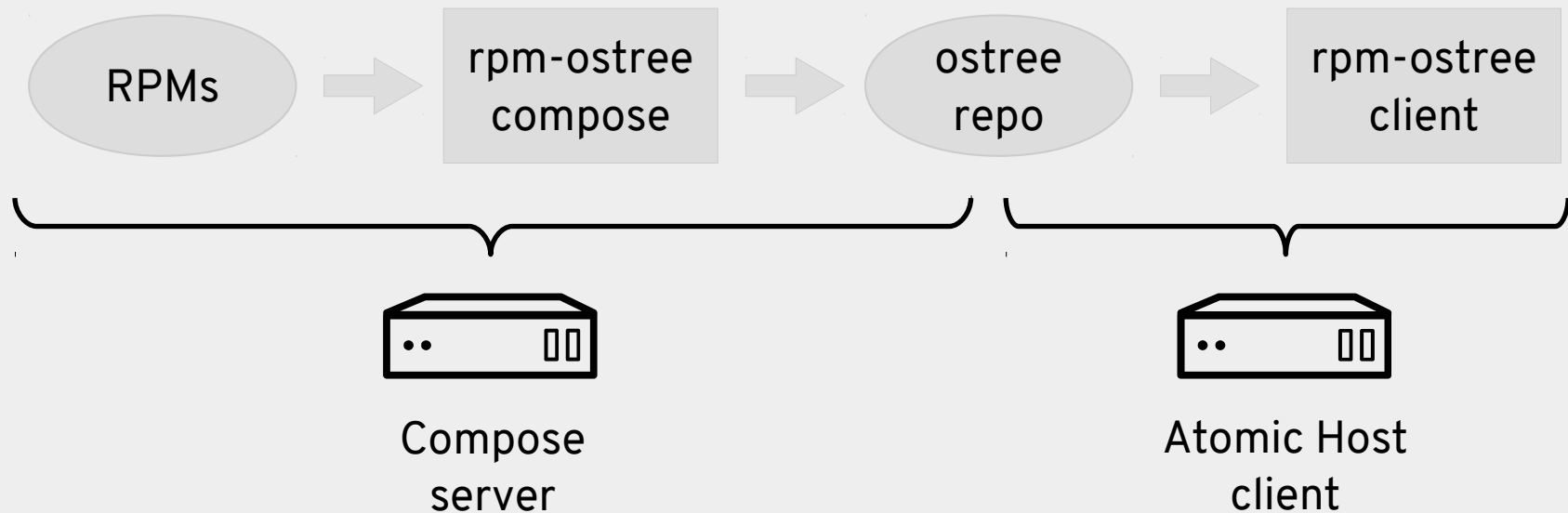
Recap: What is an Atomic Host?

- Atomic upgrades and rollbacks
- Immutable
- Lightweight and container-focused
- Made of RPMs



General Content Flow Overview

- Server/client architecture



Agenda

1. How to compose trees
2. How to manage trees
3. How to create cloud images from your tree



Before we begin (for latecomers)

- Download the Fedora 25 Atomic Host from <https://getfedora.org/en/atomic/download/>
 - Choose the qcow2 image (at the bottom)
 - Or: `http://$MYIP/f25ah.qcow2`
- Install the following packages:
 - `git, rpm-ostree`
 - `libvirt, qemu-img`
 - `lorax, imagefactory-plugins-TinMan`



Let's get hacking!



Thanks!

<https://www.projectatomic.io/>

[freenode/#atomic](#)

jlebon@redhat.com

