



Successfully using Ansible

BayPIGgies / 26-June, 2014

20 Examples / 60 Minutes

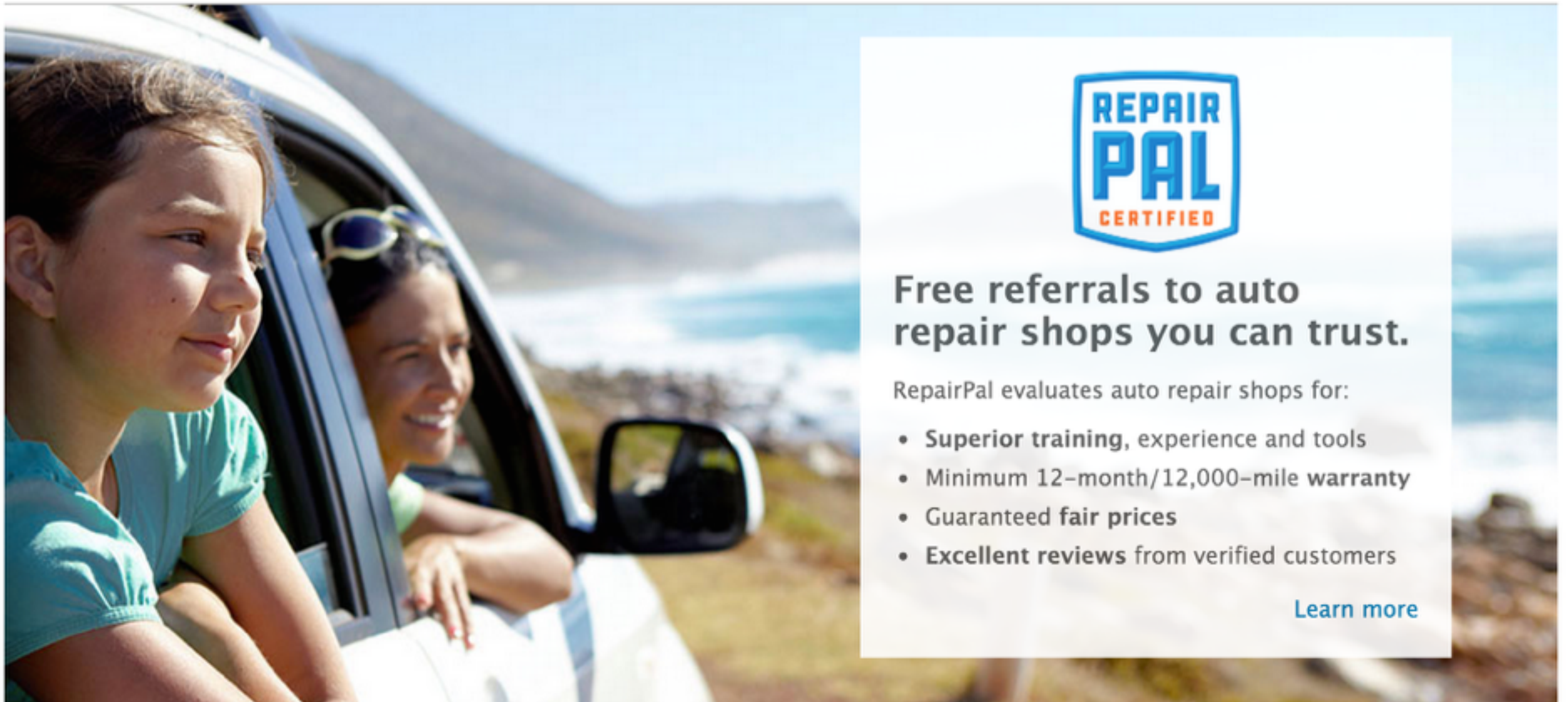
- ✦ We have 20 examples
- ✦ 1 Module
- ✦ 60 Minutes
- ✦ We will start very slow but will be flying by the end

Introductions and Thanks!

- ✦ Bay Area Python Interest Group (BayPIGgies): Great Talks (except for maybe this one ;)
- ✦ Silicon Valley Python Meetup: Eager Audience
- ✦ LinkedIn: Great Space / Great Food / Great Host

All about me / A few rough months

- ✦ Ansible Project at work delayed 3 months (by another project that WILL NOT DIE! :)
- ✦ Laptop crashed this week (buy new / eat PBNJ)
- ✦ Took on a **very rewarding** personal volunteer project
- ✦ Broke my Collar Bone ... Again...
- ✦ Melt down leads to thanking.....

[Sign in](#)[Sign Up](#)[Welcome Shops & Dealers »](#)[Find a Shop](#)[Estimator](#)[MyCar](#)[Advice](#)[Checklist \(0\)](#)

Free referrals to auto repair shops you can trust.

RepairPal evaluates auto repair shops for:

- Superior training, experience and tools
- Minimum 12-month/12,000-mile warranty
- Guaranteed fair prices
- Excellent reviews from verified customers

[Learn more](#)

Find the best mechanics near you:

near

[Find a Shop >](#)

abc WORLD NEWS
WITH DIANE SAWYER



repairpal.com/account/register?return_to=1

New York Times

AARP

Member Advantages

Consumer Reports

If you're not embarrassed....

If you are not embarrassed by the first version of your project, you've launched too late.

— Reid Hoffman, LinkedIn Founder

Hold on to your hats...

- ✦ Everything is available online - get it now if you like
 - ✦ https://github.com/glenjarvis/ansible_tutorial
 - ✦ glen@glenjarvis.com
- ✦ In addition to this talk, I will be hosting practice sessions for the 20 examples (and module writing) in small groups
- ✦ So...
 - Try to listen/understand instead of following along

Our Path

- ✦ **Phase 0 - Defining the Problem**
- ✦ Phase 1 - Connecting and Understanding
- ✦ Phase 2 - Using Ansible as a command
- ✦ Phase 3 - Understanding Ansible plays / playbooks
- ✦ Phase 4 - Understanding Roles
- ✦ Phase 5 - Writing custom modules

Regular Code Deployments

Application Code

Software Installed
, Web Servers need nginx; Mail

Operating System

Hardware

Red Pill Blue Pill:

Virtual Machines and
Virtual Environments

Hardware

Regular Code Deployments



Fabric



Ansible is the simplest way to automate IT.

Application Code

Software Installed
, Web Servers need nginx; Mail

Operating System

Our Path

- ✦ Phase 0 - Defining the Problem
- ✦ **Phase 1 - Connecting and Understanding**
- ✦ Phase 2 - Using Ansible as a command
- ✦ Phase 3 - Understanding Ansible plays / playbooks
- ✦ Phase 4 - Understanding Roles
- ✦ Phase 5 - Writing custom modules

Our Path

- ✦ Phase 0 - Defining the Problem
- ✦ Phase 1 - Connecting and Understanding
- ✦ **Phase 2 - Using Ansible as a command**
- ✦ Phase 3 - Understanding Ansible plays / playbooks
- ✦ Phase 4 - Understanding Roles
- ✦ Phase 5 - Writing custom modules

Our Path

- ✦ Phase 0 - Defining the Problem
- ✦ Phase 1 - Connecting and Understanding
- ✦ Phase 2 - Using Ansible as a command
- ✦ **Phase 3 - Understanding Ansible plays / playbooks**
- ✦ Phase 4 - Understanding Roles
- ✦ Phase 5 - Writing custom modules

Our Path

- ✦ Phase 0 - Defining the Problem
- ✦ Phase 1 - Connecting and Understanding
- ✦ Phase 2 - Using Ansible as a command
- ✦ Phase 3 - Understanding Ansible plays / playbooks
- ✦ **Phase 4 - Understanding Roles**
- ✦ Phase 5 - Writing custom modules

Our Path

- ✦ Phase 0 - Defining the Problem
- ✦ Phase 1 - Connecting and Understanding
- ✦ Phase 2 - Using Ansible as a command
- ✦ Phase 3 - Understanding Ansible plays / playbooks
- ✦ Phase 4 - Understanding Roles
- ✦ **Phase 5 - Writing custom modules**

Questions / Comments /
Rotten Tomatoes