



Thinking outside the box using VM's

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Overview

1. Problem Scenario
2. How People reaction to change
3. Seed Testing with VM
4. Example Json File
5. Questions?



William Wallace



*"There's a difference between us.
You think the people of this land exist to provide you with
position.
I think your position exists to provide those people with
freedom
and I go to make sure that they have it."*

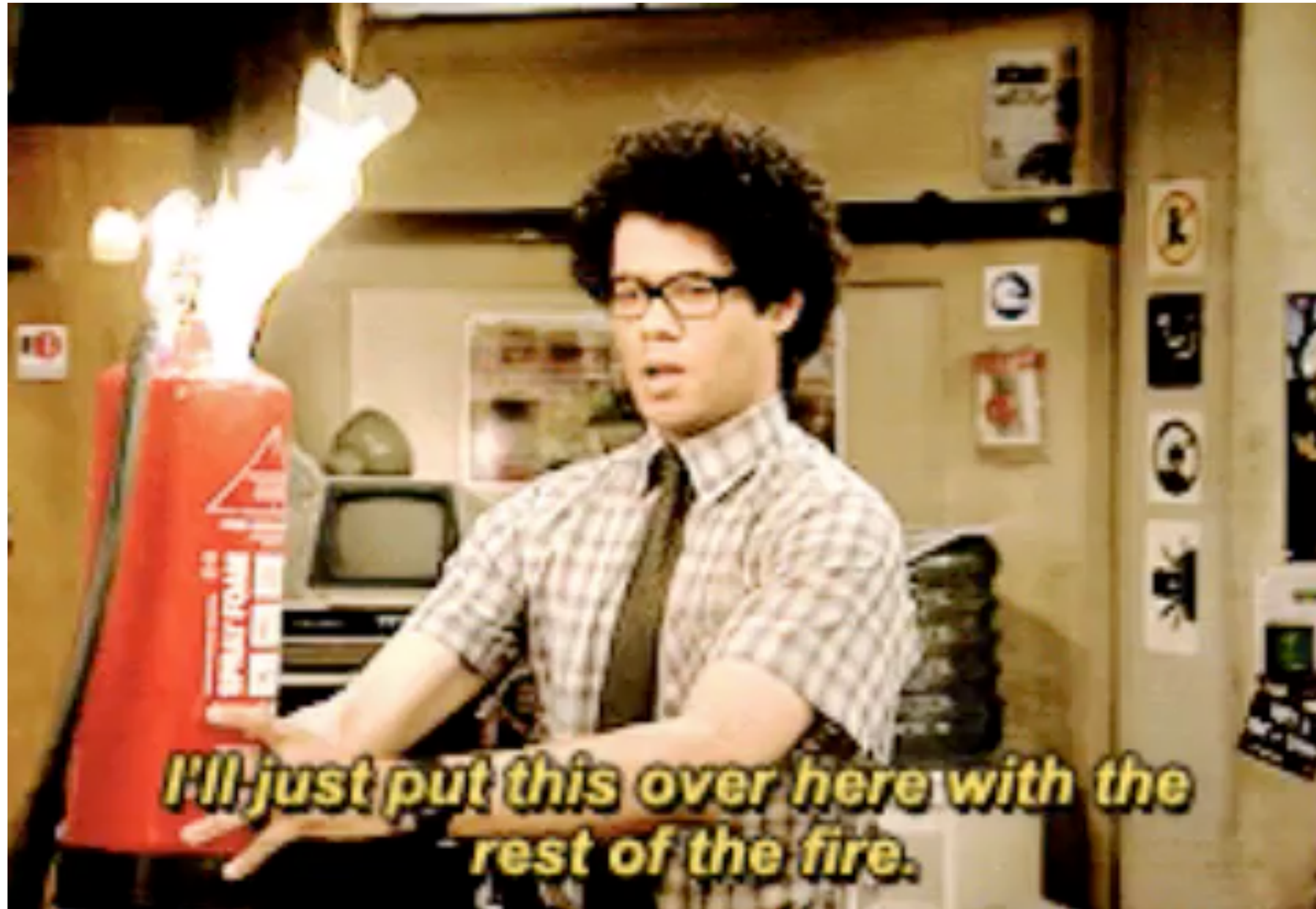
Problem



Reaction to change - Ignore



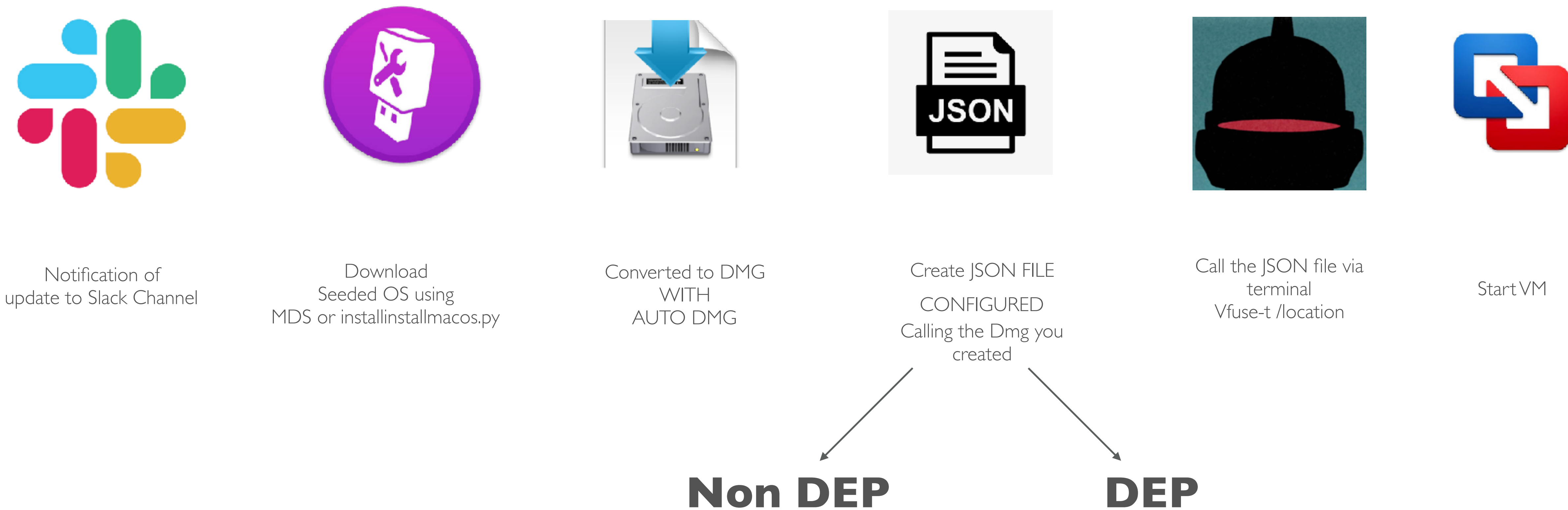
Reaction to change - Avoid the Risk



Reaction to change - Act



Solution Seed Testing with VM



Example Json

```
{
  "source_dmg": "/Users/buildbox/Documents/VM/osx-10.15.1-19B88.apfs.dmg",
  "output_dir": "/Users/christian.anderson/Documents/Virtual Machines.localized",
  "output_name": "MacOS 10.15.1",
  "cache": false,
  "hw_version": 16,
  "mem_size": 8192,
  "disk_type": 0,
  "bridged": false,
  "enable3d": false,
  "hw_model": "Macmini8,1",
  "snapshot": true,
  "snapshot_name": "S-MacM15.1",
  "fusion_path": "/Applications/VMware Fusion.app"
}
```

← **Non DEP**

```
{
  "source_dmg": "//Users/christian.anderson/Documents/VM/osx-10.15.3-19D76.apfs.dmg",
  "output_dir": "/Users/christian.anderson/Documents/Virtual Machines.localized",
  "output_name": "MacOS 10.15.1_DEP",
  "cache": false,
  "hw_version": 16,
  "mem_size": 8192,
  "disk_type": 0,
  "bridged": false,
  "enable3d": false,
  "hw_model": "Macmini8,1",
  "serial_number": "C0C0C0C0VY",
  "snapshot": true,
  "snapshot_name": "SDEP-MacM15.1",
  "fusion_path": "/Applications/VMware Fusion.app"
}
```

← **DEP**

← Your DEP S/N here




```
buildbox — -bash — 80x24
Last login: Thu Feb  6 17:38:32 on ttys000

The default interactive shell is now zsh.
To update your account to use zsh, please run 'chsh -s /bin/zsh'.
For more details, please visit https://support.apple.com/kb/HT208050.
buildboxs-Mac-mini:~ buildbox$
```



Benefits of VM test environments

“You can run multiple flavours of OS’s in each VM with ease. This allows for quicker testing and deployment for the end user.”
- Juan Hernandez



“Cost saving - Using a virtual environment for testing means we don’t have to have expensive equipment sitting around depreciating.” - Jordan Coombs



“VM testing empowers IT by providing a wide range of testing environments such as Beta tests, Final release tests, VMs for team-specific profiles and any unique environments that you might face. For instance, specific Geos where the security workflows are completely different and more restricted than your general Mac estate.” - Luis Pinto



Thank you



***“Discipline, it is the bridge between your goals and
accomplishing them” Jim Rohn***

Credit for helping us develop our workflow

MOD TITAN
SOUNDSNW
Mr Macintosh
ScriptingOSX
Luis Pinto



