VM Step-by-Step

# Exporting VM from VirtualBox

1. In VirtualBox, run “Export Appliance…” and choosing the OVF 1.0 format with .ova file extension.
2. Transfer .ova file to Iron Key. If transferring from dev server, you can copy the .ova file (control+c) and paste it directly to the iron key folder (control+v)
   1. Note: this process once resulted in a corrupted .ova file on the ironkey. It may be smarter to first copy to local desktop, then ironkey. It is also very prudent to test the .ova file before traveling all the way to Gettysburg. Maybe even have a backup copy.

# Importing VM into VirtualBox and running otree

1. Log in to server laptop with Gburg credentials
2. Open Iron Key
   1. Pw: Springtime2017! (case sensitive)
3. Copy .ova file from Iron Key to destination experimenter’s machine
4. Open VirtualBox on experimenter machine
5. Add virtual machine
   1. Choose “Import Applicance..” from the VirtualBox menu, and select the .ova file.
6. Boot up the VM
   1. “Start…” -> “Normal Start”
7. Wait for the virtual machine to boot up, you may have to hit a key to wake it up once it is done booting.
8. Login with
   1. username: vagrant
   2. password: vagrant
9. Run “source ~/.virtualenv/env/bin/activate”
10. Run “sudo /usr/local/bin/redis-server&”
    1. & makes redis-server work in the background
    2. Can run “which redis-server” to find the path
    3. May need to press “enter” to get a fresh terminal input
11. Run “cd dimension”
12. Run “git pull upstream master”, if changes made to dimension game
    1. If pull fails because changes have been made locally, you may need to run “git stash”
    2. If this fails because git is still worried about files getting overwritten try to run “git add \*” followed by “git stash”
13. Run “otree resetdb”
    1. Caution this will delete all data. Only do it if you’re ok losing previously collected data.
14. Run “otree collectstatic”
15. Run “otree runprodserver --addr 0.0.0.0 --port 8000”
    1. Give this a minute before going to the experimenter’s terminal. Once you see pink, orange, and green text, you’re good to go.
16. Press the right control button to regain control of keyboard and mouse from VM
17. On host machine
    1. open command prompt (“cmd”)
    2. run “ipconfig” and record the first IP address. Perhaps it’s: 138.234.89.73
18. Lock IronKey by pressing “lock drive”. Remove iron key from host machine.
19. Login to experimenter’s terminal with Gburg Credentials
    1. Open browser to url: <ip-address>:8000 (eg 138.234.89.73:8000)
    2. username: admin
    3. password: cfpbrules

# If you make changes to the Git repo

1. Go to server laptop, and kill otree server
2. Return to step 12, above (“run ‘git pull…’)

# Ending the day

1. Make sure you’ve downloaded all data you collected via the “Report” tab
2. Stop otree server
3. Shut down VM