

CLI VirtualBox management

List virtual machines

|Vboxmanage

```
vboxmanage list vms
```

Available commands

- vms - Lists all VMs
- runningvms - Lists only running VMs
- ostypes, hostdvs, hostfloppies, bridgesifs, hostonlyifs, dhcpservers, hostinfo, hostcpuids, hddbackends, hdds, dvds, floppies, usbhost, usbfilters, systemproperties, extpacks

Start a virtual machine in headless mode (that's why you are typing these commands)

|Vboxmanage

```
vboxmanage startvm "VM name" --type headless
```

Available types

- gui - Starts a VM in a GUI window (Default)
- headless - Starts a VM for remote access
- sdl - Starts a VM with a minimal GUI and limited features
- separate - Starts a VM with detachable UI (Headless VM with GUI in separate process)

Change state of the running virtual machine

|Vboxmanage

```
vboxmanage controlvm "VM Name" savestate
```

Available commands

- pause - Puts a VM on hold
- resume - Resumes the paused VM
- reset - Same as pressing a Reset button
- poweroff - Same as pressing the power off button
- savestate - This will save the state of a VM and then stop it.

Start a program in Windows guest from Linux host

```
VBoxManage --nologo guestcontrol "VM Name" run --exe  
"C:\\windows\\notepad.exe" --username jdoe --password Pa$$w0rd --wait-stdout
```

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