

How to run scripts with Gate toolkit?

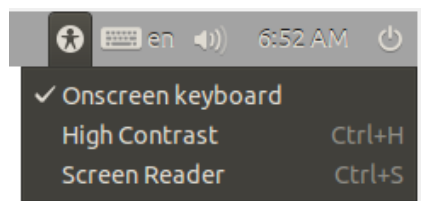
1. Install vGate

Step 1: Download vGate from the website: <http://www.opengatecollaboration.org/vGATE72>

Step 2: Download Oracle VM VirtualBox and install it.

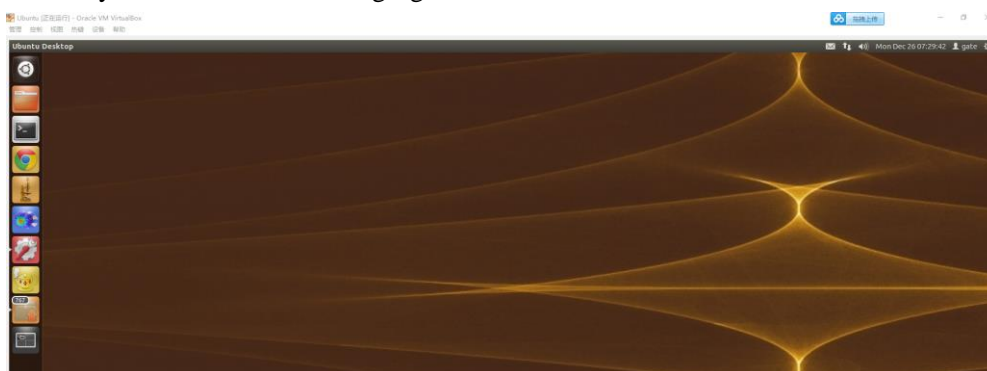
Step 3: Export vGate into VirtualBox. You can follow the tutorial in the following website:
<http://jingyan.baidu.com/article/95c9d20da33a5fec4e7561d4.html>

Step 4: Start the VirtualBox and click the icon as follow: Onscreen keyboard.

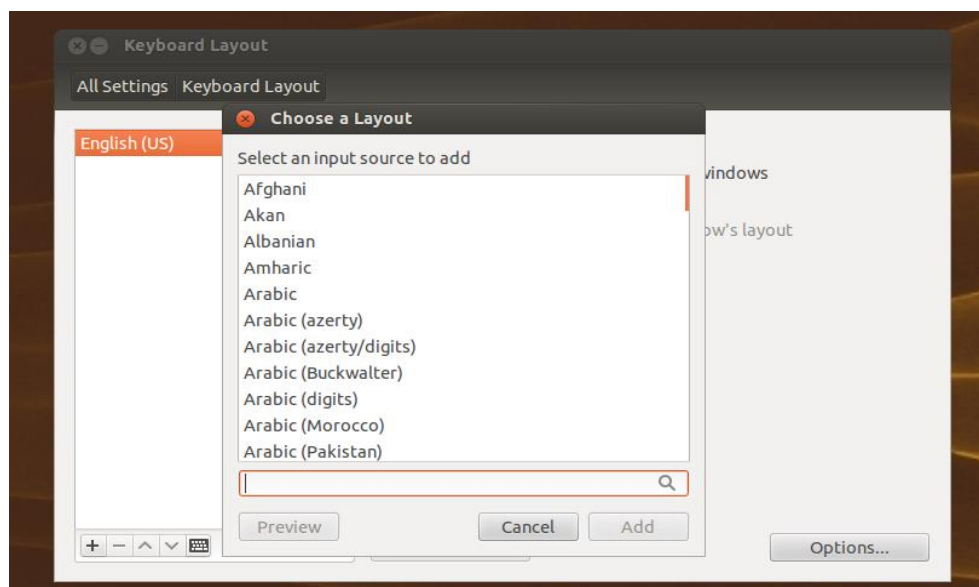


Step 5: Input the password by clicking the corresponding characters: virtual

Step 6: Then you can see the following figure:



Step 7: Change the keyboard layout from France to English layout.



2. Run Gate in the terminal

Step 1: Open the terminal

Step 2: Type the command “Gate” in the prompt.

```

gate@vgate: ~
--(_oo_>      vGate 2.1      oo_<_>-----
   ||>      oo_<_>-----
   ||      ||>

*** gate @ vgate ***

Welcome in vGate version 2.1.
This is a complete Ubuntu 12.04 LTS machine that includes all GATE related
programs and environments. Try to type 'Gate' or 'root'.
If you want help or information about GATE and this virtual machine,
just launch the web browser Google Chrome.

gate@vgate:~$ Gate
[G4]
[G4] *****
[G4] Geant4 version Name: geant4-09-05-patch-01 (20-March-2012)
[G4] Copyright : Geant4 Collaboration
[G4] Reference : NIM A 506 (2003), 250-303
[G4] WWW : http://cern.ch/geant4
[G4] *****
[G4]
[Core-0] Initialization of geometry
[Core-0] Initialization of physics
[Core-0] Initialization of actors
[Core-0]
[Core-0] *****
[Core-0] GATE version name: gate_v6.2
[Core-0] Copyright : OpenGATE Collaboration
[Core-0] Reference : Phys. Med. Biol. 49 (2004) 4543-4561
[Core-0] Reference : Phys. Med. Biol. 56 (2011) 881-901
[Core-0] WWW : http://www.opengatecollaboration.org
[Core-0] *****
[Core-0]
Idle> a

```

Step 3: Please cd to the folder that contains the macro you want to run.

Step 4: Type in the command: Gate xxx.mac