

# GNOME 3 Shell on VirtualBox

**Finnbarr P. Murphy**

*(fpm@fpmurphy.com)*

Yes, it is possible! If your video hardware can run GNOME 3 shell natively, then you should be able to run it in [VirtualBox](#). Your version of VirtualBox needs to be 4.0.8 or better. The VirtualBox developers included a patch in v4.08 to make sure it works with then new Gnome 3 shell.

You need to have 3D acceleration enabled and video memory set as high as possible.

You also need to a development kernel (sources and headers) installed on your guest. For Fedora 15, you can install a development kernel as follows:

```
yum install gcc kernel-devel-$(uname -r)
```

You also need to install the VirtualBox [Guest Additions](#). The Guest Additions will make your life much easier by providing closer integration between host and guest and improving the interactive performance of guest systems.