GNU/Linux Administration - Support #712

Install Google SketchUp Using PlayOnLinux on Arch

12/30/2015 10:18 PM - Daniel Curtis

Status:	Closed	**Start date:**	12/30/2015
Priority:	Normal	**Due date:**	
Assignee:	Daniel Curtis	**% Done:**	100%
Category:	CAD / CAM	**Estimated time:**	2.00 hours
Target version:	Arch Linux	**Spent time:**	2.00 hours

Description

This is a guide on how I installed Google SketchUp on a 64-bit Arch Linux machine using PlayOnLinux.

Prepare the Environment

- Make sure the system is up to date:

```
sudo pacman -Syu
```

- Install playonlinux:

```
sudo pacman -S playonlinux
```

- Open **PlayOnLinux**

Configure SketchUp Virtual Drive

Install Wine 1.7.22

1. Start by going to Tools -> Manage Wine versions, then click on the Wine Versions (amd64) tab
2. Install the **1.7.22** version of wine, then close the wine manager window

Create Virtual Drive

1. Click on the Configure button.
2. Then click on the New button to create a new virtual drive, click Next to continue.
3. When the wizard opens up click Next, then select 64 bits windows installation, click Next to continue.
4. Select version **1.7.22**, and click Next to continue.
5. Name the virtual drive *GoogleSketchUp*, and click Next to continue.
6. Select the GoogleSketchUp virtual drive, then click on the Wine tab.
7. Click on Configure Wine.
    - In the Applications tab, select **Windows 7** from the Windows Version selection menu.
    - Then in the Libraries tab, select **riched20** library then **Add**, **Apply**, and **OK**.
8. Next click on the Install components tab and **Install vcrun2010**.
9. Close the virtual drive configuration window.

Install SketchUp

1. Download SketchUp
2. From PlayOnLinux, click on **Install a Program**
3. Then click on **Install a non-listen program**
4. When the wizard opens, click Next to continue.
5. Select **Edit or update an existing application**, and click Next to continue.
6. Check the **Show virtual drives** box, and then select the *GoogleSketchUp* virtual drive, and click Next to continue.
7. Click Next to skip additional Wine configurations.
8. Select **64 bits windows installation**, and click Next to continue.
9. Click **Browse** and navigate to the download path for the SketchUp setup executable.
10. Complete the SketchUp installer.

11. Select **SketchUp.exe** as the shortcut, and click Next to continue.
12. Name the shortcut *SketchUp*, then click Next to continue.
13. Click **I do not want to add another shortcut**, then click Next to continue.

NOTE: In order to get SketchUp to work, I needed to copy over the mfc100u.dll to the SketchUp application folder:

```
cd ~/.PlayOnLinux/wineprefix/GoogleSketchUp/drive_c/
cp windows/syswow64/mfc100u.dll Program\ Files\ \(x86\)/SketchUp/SketchUp\ 2016/
```

NOTE: I also needed to disable the Ruby API:

1. From PlayOnLinux, select **SketchUp** and click on Configure.
2. In the Arguments box, enter /DisableRubyAPI, then close the configuration window.

Resources

- https://www.playonlinux.com/en/app-117-Google_SketchUp.html
- https://appdb.winehq.org/objectManager.php?sClass=version&iId=31190
- http://ubuntuhandbook.org/index.php/2014/06/install-google-sketchup-ubuntu1404/

History

#1 - 12/30/2015 10:19 PM - Daniel Curtis

- Status changed from New to In Progress

- % Done changed from 0 to 30

#2 - 01/18/2016 09:03 PM - Daniel Curtis

- Status changed from In Progress to Resolved

- % Done changed from 30 to 100

#3 - 02/20/2016 07:16 PM - Daniel Curtis

- Status changed from Resolved to Closed